

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.07.2017

Revision: 14.07.2017

### 1 Identification

- **Product identifier**
- **Trade name:** CMCP-9 LOW VISCOSITY MOUNTANT
- **Article number:** 18003-01, 18003-05
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Laboratory chemicals
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

ProSciTech Pty Ltd

11 Carlton Street, Kirwan QLD 4817 Australia

Telephone Number: (07) 4773 9444 - 8:30am - 5:00pm, Monday to Friday (excluding Public Holidays)

Emergency Contact: (07) 4773 9444 - 8:30am - 5:00pm, Monday to Friday (excluding Public Holidays)

Emgrid Australia Pty. Ltd.

P.O. Box 118

The Patch VIC 3792

Australia

Tel: 03 9752 1785

Fax: 03 9752 1784

Website: [www.emgrid.com.au](http://www.emgrid.com.au)

- **Further information obtainable from:** Product safety department
- **Emergency telephone number:**  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

### 2 Hazard(s) Identification

- **Classification of the substance or mixture**



GHS06 skull and crossbones

Acute Tox. 3 H331 Toxic if inhaled.



GHS08 health hazard

STOT SE 2 H371 May cause damage to organs.



GHS05 corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

(Contd. on page 2)

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.07.2017

Revision: 14.07.2017

Trade name: CMCP-9 LOW VISCOSITY MOUNTANT

(Contd. of page 1)

· **Hazard pictograms**

GHS05   GHS06   GHS08

· **Signal word** *Danger*· **Hazard-determining components of labelling:***phenol**Lactic acid*· **Hazard statements***Harmful if swallowed.**Toxic if inhaled.**Causes severe skin burns and eye damage.**May cause damage to organs.*· **Precautionary statements***Do not breathe dusts or mists.**Wash thoroughly after handling.**Do not eat, drink or smoke when using this product.**Use only outdoors or in a well-ventilated area.**Wear protective gloves/protective clothing/eye protection/face protection.**IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.**IF SWALLOWED: rinse mouth. Do NOT induce vomiting.**IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.**IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.**Continue rinsing.**IF exposed or concerned: Call a POISON CENTER/doctor.**Immediately call a POISON CENTER/doctor.**Specific treatment (see on this label).**Wash contaminated clothing before reuse.**Store in a well-ventilated place. Keep container tightly closed.**Store locked up.**Dispose of contents/container in accordance with local/regional/national/international regulations.*· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

### 3 Composition and Information on Ingredients

· **Chemical characterisation:** *Mixtures*· **Description:** *Mixture of substances listed below with nonhazardous additions.*· **Dangerous components:**

108-95-2	<i>phenol</i>	<i>10-25%</i>
598-82-3	<i>Lactic acid</i>	<i>10-25%</i>

· **Additional information:** *For the wording of the listed hazard phrases refer to section 16.*

AU

(Contd. on page 3)

## Safety Data Sheet according to WHS Regulations

Printing date 14.07.2017

Revision: 14.07.2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 2)

### 4 First Aid Measures

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Remove breathing equipment only after contaminated clothing have been completely removed.  
In case of irregular breathing or respiratory arrest provide artificial respiration.
- **After inhalation:**  
Supply fresh air or oxygen; call for doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
Do not induce vomiting; call for medical help immediately.  
Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.07.2017

Revision: 14.07.2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 3)

- Prevent formation of aerosols.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

#### 108-95-2 phenol

WES	Long-term value: 4 mg/m <sup>3</sup> , 1 ppm
Sk	

- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.
  - Store protective clothing separately.
  - Avoid contact with the eyes and skin.
- **Respiratory protection:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 5)

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.07.2017

Revision: 14.07.2017

Trade name: **CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 4)

· **Eye protection:**

Tightly sealed goggles

### 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**

· <b>Form:</b>	Fluid
· <b>Colour:</b>	According to product specification
· <b>Odour:</b>	Characteristic
· <b>Odour threshold:</b>	Not determined.

· **pH-value:** Not determined.· **Change in condition**

· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Initial boiling point and boiling range:</b>	100 °C

· **Flash point:** Not applicable.· **Flammability (solid, gas):** Not applicable.· **Ignition temperature:** 595 °C· **Decomposition temperature:** Not determined.· **Auto-ignition temperature:** Product is not selfigniting.· **Explosive properties:** Product does not present an explosion hazard.· **Explosion limits:**

· <b>Lower:</b>	1.3 Vol %
· <b>Upper:</b>	9.5 Vol %

· **Vapour pressure at 20 °C:** 23 hPa· **Density:** Not determined.· **Relative density:** Not determined.· **Vapour density:** Not determined.· **Evaporation rate:** Not determined.· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **Partition coefficient: n-octanol/water:** Not determined.· **Viscosity:**

· <b>Dynamic:</b>	Not determined.
· <b>Kinematic:</b>	Not determined.

· **Solvent content:**

· <b>Organic solvents:</b>	21.0 %
· <b>Water:</b>	53.0 %
· <b>VOC (EC)</b>	21.00 %

· **Solids content:** 21.0 %

(Contd. on page 6)

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.07.2017

Revision: 14.07.2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 5)

· **Other information**

No further relevant information available.

### 10 Stability and Reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity**

- **LD/LC50 values relevant for classification:**

**108-95-2 phenol**

Oral	LD50	317 mg/kg (rat)
Dermal	LD50	850 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Caustic effect on skin and mucous membranes.
- **Serious eye damage/irritation** Strong caustic effect.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:  
Toxic  
Corrosive  
Irritant  
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

### 12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Must not reach sewage water or drainage ditch undiluted or unneutralised.  
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

(Contd. on page 7)

## Safety Data Sheet

according to WHS Regulations

Printing date 14.07.2017

Revision: 14.07.2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**


(Contd. of page 6)

- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

· <b>UN-Number</b>	
· <b>ADG, IMDG, IATA</b>	UN2821
· <b>UN proper shipping name</b>	
· <b>ADG</b>	2821 PHENOL SOLUTION
· <b>IMDG, IATA</b>	PHENOL SOLUTION
· <b>Transport hazard class(es)</b>	
· <b>ADG, IMDG, IATA</b>	
	
· <b>Class</b>	6.1 Toxic substances.
· <b>Label</b>	6.1
· <b>Packing group</b>	
· <b>ADG, IMDG, IATA</b>	II
· <b>Environmental hazards:</b>	Not applicable.
· <b>Special precautions for user</b>	Warning: Toxic substances.
· <b>EMS Number:</b>	F-A,S-A
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADG</b>	
· <b>Limited quantities (LQ)</b>	100 ml
· <b>Excepted quantities (EQ)</b>	Code: E4 Maximum net quantity per inner packaging: 1 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	UN 2821 PHENOL SOLUTION, 6.1, II

AU

(Contd. on page 8)

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.07.2017

Revision: 14.07.2017

Trade name: **CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 7)

### 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Australian Inventory of Chemical Substances**

All ingredients are listed.

· **Standard for the Uniform Scheduling of Medicines and Poisons**

108-95-2 phenol

S2, S4, S5, S6

· **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).

· **Hazard pictograms**



GHS05   GHS06   GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labelling:**

phenol

Lactic acid

· **Hazard statements**

Harmful if swallowed.

Toxic if inhaled.

Causes severe skin burns and eye damage.

May cause damage to organs.

· **Precautionary statements**

Do not breathe dusts or mists.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF exposed or concerned: Call a POISON CENTER/doctor.

Immediately call a POISON CENTER/doctor.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category** H2 ACUTE TOXIC

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

AU

(Contd. on page 9)



# Safety Data Sheet

## according to WHS Regulations

Printing date 14.07.2017

Revision: 14.07.2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 8)

### 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*VOC: Volatile Organic Compounds (USA, EU)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Acute Tox. 4: Acute toxicity – Category 4*

*Acute Tox. 3: Acute toxicity – Category 3*

*Skin Corr. 1B: Skin corrosion/irritation – Category 1B*

*STOT SE 2: Specific target organ toxicity (single exposure) – Category 2*

AU

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

## 1 Identification

- **Product identifier**
- **Trade name:** CMCP-9 LOW VISCOSITY MOUNTANT
- **Article number:** 18003-01, 18003-05
- **Application of the substance / the mixture** Laboratory chemicals
- **Details of the supplier of the safety data sheet**
- **Information department:** Product safety department
- **Emergency telephone number:**  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS06 Skull and crossbones

Acute Toxicity (Inhalation) - Category 3

H331 Toxic if inhaled.



GHS08 Health hazard

Specific Target Organ Toxicity - Single Exposure -  
Category 2

H371 May cause damage to organs.



GHS05 Corrosion

Skin Corrosion - Category 1B

H314 Causes severe skin burns and eye damage.



GHS07

Acute Toxicity (Oral) - Category 4

H302 Harmful if swallowed.

- **Label elements**

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS05



GHS06



GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

phenol

Lactic acid

- **Hazard statements**

Harmful if swallowed.

Toxic if inhaled.

Causes severe skin burns and eye damage.

(Contd. on page 2)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 1)

May cause damage to organs.

· **Precautionary statements**

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF exposed or concerned: Call a POISON CENTER/doctor.

Immediately call a POISON CENTER/doctor.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Hazard description:**

· **WHMIS-symbols:**

D1A - Very toxic material causing immediate and serious toxic effects

D2A - Very toxic material causing other toxic effects

E - Corrosive material



· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



· **HMIS-ratings (scale 0 - 4)**

HEALTH	3	Health = *3
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

108-95-2	phenol	10-30% w/w
598-82-3	Lactic acid	10-30% w/w

CA

(Contd. on page 3)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 2)

### 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
 Immediately remove any clothing soiled by the product.  
 Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
 Remove breathing apparatus only after contaminated clothing have been completely removed.  
 In case of irregular breathing or respiratory arrest provide artificial respiration.
- **After inhalation:**  
 Supply fresh air or oxygen; call for doctor.  
 In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**  
 Do not induce vomiting; immediately call for medical help.  
 Drink copious amounts of water and provide fresh air. Immediately call a doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
 No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
 Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
 Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
 Use neutralizing agent.  
 Dispose contaminated material as waste according to item 13.  
 Ensure adequate ventilation.
- **Reference to other sections**  
 See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
 Ensure good ventilation/exhaustion at the workplace.  
 Open and handle receptacle with care.

(Contd. on page 4)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 3)

- Prevent formation of aerosols.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

#### 108-95-2 phenol

EL Long-term value: 5 ppm  
Skin

EV Long-term value: 19 mg/m<sup>3</sup>, 5 ppm  
Skin

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
  - Store protective clothing separately.
  - Avoid contact with the eyes and skin.
- **Breathing equipment:**
  - In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
- Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
  - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
  - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 5)

CA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

Trade name: CMCP-9 LOW VISCOSITY MOUNTANT

(Contd. of page 4)

## · Eye protection:



Tightly sealed goggles

## 9 Physical and chemical properties

## · Information on basic physical and chemical properties

## · General Information

## · Appearance:

Form:	Fluid
Color:	According to product specification
Odor:	Characteristic
Odor threshold:	Not determined.

· pH-value: Not determined.

## · Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not flammable.

· Ignition temperature: 595 °C

· Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

## · Explosion limits:

Lower:	1.3 Vol %
Upper:	9.5 Vol %

· Vapor pressure at 20 °C: 23 hPa

· Density: Not determined.

· Relative density: Not determined.

· Vapor density: Not determined.

· Evaporation rate: Not determined.

## · Solubility in / Miscibility with

Water: Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water): Not determined.

## · Viscosity:

Dynamic:	Not determined.
Kinematic:	Not determined.

## · Solvent content:

Organic solvents:	21.0 %
Water:	53.0 %

Solids content: 21.0 %

(Contd. on page 6)

CA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 5)

· **Other information** No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

**108-95-2 phenol**

Oral	LD50	317 mg/kg (rat)
Dermal	LD50	850 mg/kg (rabbit)

· **Primary irritant effect:**

· **on the skin:** Caustic effect on skin and mucous membranes.

· **on the eye:** Strong caustic effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
Toxic

Corrosive

Irritant

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

108-95-2	phenol	3
9002-89-5	POLYVINYL ALCOHOL	3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

(Contd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 6)

- **Additional ecological information:**
- **General notes:**  
*Water hazard class 2 (Self-assessment): hazardous for water*  
*Do not allow product to reach ground water, water course or sewage system.*  
*Must not reach bodies of water or drainage ditch undiluted or unneutralized.*  
*Danger to drinking water if even small quantities leak into the ground.*
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
*Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*
- **Uncleaned packagings:**
- **Recommendation:** *Disposal must be made according to official regulations.*

## 14 Transport information

- |                                  |                       |
|----------------------------------|-----------------------|
| <b>· UN-Number</b>               | UN2821                |
| <b>· DOT, TDG, IMDG, IATA</b>    |                       |
| <b>· UN proper shipping name</b> |                       |
| <b>· DOT</b>                     | Phenol solutions      |
| <b>· TDG</b>                     | 2821 Phenol solutions |
| <b>· IMDG, IATA</b>              | PHENOL SOLUTION       |

- **Transport hazard class(es)**

- **DOT**



- |                          |                      |
|--------------------------|----------------------|
| <b>· Class</b>           | 6.1 Toxic substances |
| <b>· Label</b>           | 6.1                  |
| <b>· TDG, IMDG, IATA</b> |                      |



- |                |                      |
|----------------|----------------------|
| <b>· Class</b> | 6.1 Toxic substances |
| <b>· Label</b> | 6.1                  |

- |                               |    |
|-------------------------------|----|
| <b>· Packing group</b>        | II |
| <b>· DOT, TDG, IMDG, IATA</b> |    |

- **Environmental hazards:** Not applicable.

- **Special precautions for user** Warning: Toxic substances

(Contd. on page 8)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

Trade name: CMCP-9 LOW VISCOSITY MOUNTANT

(Contd. of page 7)

- |  |  |
|--|--|
| <b>· EMS Number:</b>   | F-A,S-A  |
| <b>· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.  |
| <b>· Transport/Additional information:</b>                                       |  |
| <b>· TDG</b>   |  |
| <b>· Excepted quantities (EQ)</b>  | Code: E4<br>Maximum net quantity per inner packaging: 1 ml<br>Maximum net quantity per outer packaging: 500 ml |
| <b>· UN "Model Regulation":</b>  | UN 2821 PHENOL SOLUTIONS, 6.1, II  |

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

- Section 355 (extremely hazardous substances):

108-95-2 phenol

- Section 313 (Specific toxic chemical listings):

108-95-2 phenol

- TSCA (Toxic Substances Control Act):

108-95-2 phenol

9002-89-5 POLYVINYL ALCOHOL

7732-18-5 Deionized Water, Reagent Grade A.C.S.

- Canadian substance listings:

- Canadian Domestic Substances List (DSL)

All ingredients are listed.

- Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

- Canadian Ingredient Disclosure list (limit 1%)

108-95-2 phenol

- GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

- Hazard pictograms



GHS05 GHS06 GHS08

- Signal word Danger

- Hazard-determining components of labeling:

phenol

Lactic acid

- Hazard statements

Harmful if swallowed.

Toxic if inhaled.

Causes severe skin burns and eye damage.

May cause damage to organs.

(Contd. on page 9)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 8)

· **Precautionary statements**

*Do not breathe dust/fume/gas/mist/vapours/spray.*

*Wash thoroughly after handling.*

*Do not eat, drink or smoke when using this product.*

*Use only outdoors or in a well-ventilated area.*

*Wear protective gloves/protective clothing/eye protection/face protection.*

*IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.*

*IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.*

*IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].*

*IF INHALED: Remove person to fresh air and keep comfortable for breathing.*

*IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.*

*Continue rinsing.*

*IF exposed or concerned: Call a POISON CENTER/doctor.*

*Immediately call a POISON CENTER/doctor.*

*Specific treatment (see on this label).*

*Wash contaminated clothing before reuse.*

*Store in a well-ventilated place. Keep container tightly closed.*

*Store locked up.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Date of preparation / last revision** 07/14/2017 / -

· **Abbreviations and acronyms:**

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*WHMIS: Workplace Hazardous Materials Information System (Canada)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

# Bezpečnostní list

## podle 1907/2006/ES, Článek 31

Datum vydání: 14.07.2017

Revize: 14.07.2017

### ODDÍL 1: Identifikace látky/směsi a společnosti/podniku

- 1.1 Identifikátor výrobku
- Obchodní označení: CMCP-9 LOW VISCOSITY MOUNTANT
- Číslo výrobku: 18003-01, 18003-05
- 1.2 Příslušná určená použití látky nebo směsi a nedoporučená použití  
Další relevantní informace nejsou k dispozici.
- Použití látky / přípravku Laboratorní chemikálie
- 1.3 Podrobné údaje o dodavateli bezpečnostního listu
- Obor poskytující informace: Product safety department
- 1.4 Telefonní číslo pro naléhavé situace:  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

### ODDÍL 2: Identifikace nebezpečnosti

- 2.1 Klasifikace látky nebo směsi
- Klasifikace v souladu s nařízením (ES) č. 1272/2008



GHS06 lebka se zkříženými hnáty

Acute Tox. 3 H331 Toxický při vdechování.



GHS08 nebezpečnost pro zdraví

STOT SE 2 H371 Může způsobit poškození orgánů.



GHS05 korozivita

Skin Corr. 1B H314 Způsobuje těžké poleptání kůže a poškození očí.



GHS07

Acute Tox. 4 H302 Zdraví škodlivý při požití.

- 2.2 Prvky označení
- Označování v souladu s nařízením (ES) č. 1272/2008 Produkt je klasifikován a označen podle nařízení CLP.
- Výstražné symboly nebezpečnosti



GHS05



GHS06



GHS08

- Signální slovo Nebezpečí
- Nebezpečné komponenty k etiketování:  
fenol  
Lactic acid
- Standardní věty o nebezpečnosti  
H302 Zdraví škodlivý při požití.

(pokračování na straně 2)

# Bezpečnostní list

## podle 1907/2006/ES, Článek 31

Datum vydání: 14.07.2017

Revize: 14.07.2017

### Obchodní označení: CMCP-9 LOW VISCOSITY MOUNTANT

(pokračování strany 1)

H331 Toxický při vdechování.

H314 Způsobuje těžké poleptání kůže a poškození očí.

H371 Může způsobit poškození orgánů.

- **Pokyny pro bezpečné zacházení**

P303+P361+P353 PŘI STYKU S KŮŽÍ (nebo s vlasy): Veškeré kontaminované části oděvu okamžitě svlékněte. Opláchněte kůži vodou/osprchujte.

P305+P351+P338 PŘI ZASAŽENÍ OČÍ: Několik minut opatrně vyplachujte vodou. Vyjměte kontaktní čočky, jsou-li nasazeny a pokud je lze vyjmout snadno. Pokračujte ve vyplachování.

P310 Okamžitě volejte TOXIKOLOGICKÉ INFORMAČNÍ STŘEDISKO/lékaře.

P321 Odborné ošetření (viz na tomto štítku).

P405 Skladujte uzamčené.

P501 Obsah/nádobu likvidujte v souladu s místními/regionálními/národními/mezinárodními předpisy.

- **2.3 Další nebezpečnost**

- **Výsledky posouzení PBT a vPvB**

- **PBT:** Nedá se použít.

- **vPvB:** Nedá se použít.

### ODDÍL 3: Složení/informace o složkách

- **3.2 Chemická charakteristika: Směsi**

- **Popis:** Směs obsahuje následně látky bez nebezpečných příměsí.

- **Výrobek obsahuje tyto nebezpečné látky:**

CAS: 108-95-2	fenol	10-25%
EINECS: 203-632-7	☠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ☠ Muta. 2, H341; STOT RE 2, H373; ☠ Skin Corr. 1B, H314	
CAS: 598-82-3	Lactic acid	10-25%
EINECS: 209-954-4	☠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	

- **Dodatečná upozornění:** Znění uvedených údajů o nebezpečnosti látky je uvedeno v kapitole 16.

### ODDÍL 4: Pokyny pro první pomoc

- **4.1 Popis první pomoci**

- **Všeobecné pokyny:**

Neprodleně odstranit části oděvu znečištěné produktem.

Příznaky otravy se mohou projevit až po mnoha hodinách, proto je nutný lékařský dohled nejméně 48 hodin po nehodě.

Ochranu dýchání odstranit teprve po odstranění znečištěných částí oděvu.

Při nepravidelném dechu nebo zástavě dechu provést umělé dýchání.

- **Při nadýchání:**

Prívod čerstvého vzduchu nebo kyslíku; vyhledat lékařskou pomoc.

Při bezvědomí uložit a přepravit ve stabilní poloze na boku.

- **Při styku s kůží:** Ihned omýt vodou a mýdlem a dobře opláchnout.

- **Při zasažení očí:** Otevřené oči po více minut oplachovat pod tekoucí vodou a poradit se s lékařem.

- **Při požití:**

Nepřivodit zvracení, ihned zavolat lékařskou pomoc.

Bohatě zapíjet vodou a dýchat čerstvý vzduch. Neprodleně vyhledat lékaře.

- **4.2 Nejdůležitější akutní a opožděné symptomy a účinky** Další relevantní informace nejsou k dispozici.

(pokračování na straně 3)

# Bezpečnostní list

## podle 1907/2006/ES, Článek 31

Datum vydání: 14.07.2017

Revize: 14.07.2017

**Obchodní označení: CMCP-9 LOW VISCOSITY MOUNTANT**

(pokračování strany 2)

- **4.3 Pokyn týkající se okamžité lékařské pomoci a zvláštního ošetření**  
Další relevantní informace nejsou k dispozici.

### ODDÍL 5: Opatření pro hašení požáru

- **5.1 Hasiva**
- **Vhodná hasiva:** Způsob hašení přizpůsobit podmínkám v okolí.
- **5.2 Zvláštní nebezpečnost vyplývající z látky nebo směsi** Další relevantní informace nejsou k dispozici.
- **5.3 Pokyny pro hasiče**
- **Zvláštní ochranné prostředky pro hasiče:** Použít ochranný dýchací přístroj.

### ODDÍL 6: Opatření v případě náhodného úniku

- **6.1 Opatření na ochranu osob, ochranné prostředky a nouzové postupy**  
Nosit ochrannou výstroj. Nechráněné osoby se nesmí přibližovat.
- **6.2 Opatření na ochranu životního prostředí:**  
Nenechat proniknout do kanalizace/povrchových vod/podzemních vod.
- **6.3 Metody a materiál pro omezení úniku a pro čištění:**  
Sebrat s materiály, vážičkami kapaliny (písek, štěrkový písek, pojidla kyselin, universální pojidla, piliny).  
Použít neutralizační prostředky.  
Kontaminovaný materiál odstranit jako odpad podle bodu 13.  
Zajistit dostatečné větrání.
- **6.4 Odkaz na jiné oddíly**  
Informace o bezpečnému zacházení viz kapitola 7.  
Informace o osobní ochranné výstroji viz kapitola 8.  
Informace k odstranění viz kapitola 13.

### ODDÍL 7: Zacházení a skladování

- **7.1 Opatření pro bezpečné zacházení**  
Na pracovišti zabezpečit dobré větrání a odsávání.  
Nádrž opatrně otevřít a zacházet s ní opatrně.  
Zamezit vytváření aerosolů.
- **Upozornění k ochraně před ohněm a explozí:** Mít připravené ochranné dýchací přístroje.
- **7.2 Podmínky pro bezpečné skladování látek a směsí včetně neslučitelných látek a směsí**
- **Pokyny pro skladování:**
- **Požadavky na skladovací prostory a nádoby:** Žádné zvláštní požadavky.
- **Upozornění k hromadnému skladování:** Není nutné.
- **Další údaje k podmínkám skladování:** Nádrž držet neprodyšně uzavřenou.
- **7.3 Specifické konečné / specifická konečná použití** Další relevantní informace nejsou k dispozici.

### ODDÍL 8: Omezování expozice / osobní ochranné prostředky

- **Technická opatření:** Žádné další údaje, viz bod 7.

(pokračování na straně 4)

# Bezpečnostní list

## podle 1907/2006/ES, Článek 31

Datum vydání: 14.07.2017

Revize: 14.07.2017

**Obchodní označení: CMCP-9 LOW VISCOSITY MOUNTANT**

(pokračování strany 3)

### · 8.1 Kontrolní parametry

#### · Kontrolní parametry:

##### 108-95-2 fenol

NPK	Krátkodobá hodnota: 15 mg/m <sup>3</sup> Dlouhodobá hodnota: 7,5 mg/m <sup>3</sup> D, I
-----	---

#### · Složky s biologických mezních hodnot:

##### 108-95-2 fenol

BEH	300 mg/g kreatininu Biologického materiálu: moči Doba odběru: Konec směny Ukazatel: Fenol
-----	--

· **Další upozornění:** Jako podklad sloužily při zhotovení platné listiny.

### · 8.2 Omezování expozice

#### · Osobní ochranné prostředky:

##### · Všeobecná ochranná a hygienická opatření:

Zdržovat od potravin, nápojů a krmiv.  
Zašpiněné, nasáknuté šaty ihned vysvléci.  
Před přestávkami a po práci umýt ruce.  
Ochranný oděv odděleně přechovávat.  
Zamezit styku s pokožkou a zrakem.

##### · Ochrana dýchacích orgánů:

Při krátkodobém nebo nízkém zatížení použít dýchací přístroj s filtrem, při intenzivním nebo delším zatížení se musí použít dýchací přístroj nezávislý na okolním vzduchu.

##### · Ochrana rukou:



Ochranné rukavice

Materiál rukavic musí být nepropustný a odolný proti produktu / látce / směsi.

Vzhledem k tomu, že chybí testy, není možné doporučit materiál rukavic pro produkt / přípravek / chemickou směs. Výběr materiálu rukavic proveďte podle času průniku, permeability a degradace.

##### · Materiál rukavic

Správný výběr rukavic nezávisí jen na materiálu, ale také na dalších kritériích, která se liší podle výrobce. Protože je výrobek směs více látek, nelze materiál rukavic předem vypočítat a je nutno udělat před použitím zkoušku.

##### · Doba průniku materiálem rukavic

Je nutno u výrobce rukavic zjistit a dodržovat přesné časy průniku materiálem ochranných rukavic.

##### · Ochrana očí:



Uzavřené ochranné brýle

## ODDÍL 9: Fyzikální a chemické vlastnosti

### · 9.1 Informace o základních fyzikálních a chemických vlastnostech

#### · Všeobecné údaje

##### · Vzhled:

Skupenství: Kapalná

(pokračování na straně 5)

# Bezpečnostní list

## podle 1907/2006/ES, Článek 31

Datum vydání: 14.07.2017

Revize: 14.07.2017

**Obchodní označení: CMCP-9 LOW VISCOSITY MOUNTANT**

(pokračování strany 4)

<b>Barva:</b>	Podle označení produktu
<b>· Zápach:</b>	Charakteristický
<b>· Prahová hodnota zápachu:</b>	Není určeno.
<b>· Hodnota pH:</b>	Není určeno.
<b>· Změna stavu</b>	
<b>Bod tání/bod tuhnutí:</b>	Není určeno.
<b>Počáteční bod varu a rozmezí bodu varu:</b>	100 °C
<b>· Bod vzplanutí:</b>	Nedá se použít.
<b>· Hořlavost (pevné látky, plyny):</b>	Nedá se použít.
<b>· Zápalná teplota:</b>	595 °C
<b>· Teplota rozkladu:</b>	Není určeno.
<b>· Teplota samovznícení:</b>	Produkt není samozápalný.
<b>· Výbušné vlastnosti:</b>	U produktu nehrozí nebezpečí exploze.
<b>· Meze výbušnosti:</b>	
<b>Dolní mez:</b>	1,3 Vol %
<b>Horní mez:</b>	9,5 Vol %
<b>· Tlak páry při 20 °C:</b>	23 hPa
<b>· Hustota:</b>	Není určena.
<b>· Relativní hustota</b>	Není určeno.
<b>· Hustota páry:</b>	Není určeno.
<b>· Rychlost odpařování</b>	Není určeno.
<b>· Rozpustnost ve / smísitelnost s vodě:</b>	Vůbec nemísitelná nebo jen málo mísitelná.
<b>· Rozdělovací koeficient: n-oktanol/voda:</b>	Není určeno.
<b>· Viskozita:</b>	
<b>Dynamicky:</b>	Není určeno.
<b>Kinematicky:</b>	Není určeno.
<b>· Obsah ředidel:</b>	
<b>Organická ředidla:</b>	21,0 %
<b>Voda:</b>	53,0 %
<b>VOC (EC)</b>	21,00 %
<b>Obsah netěkavých složek:</b>	21,0 %
<b>· 9.2 Další informace</b>	Další relevantní informace nejsou k dispozici.

### ODDÍL 10: Stálost a reaktivita

- **10.1 Reaktivita** Další relevantní informace nejsou k dispozici.
- **10.2 Chemická stabilita**
- **Termický rozklad / Podmínky, kterých je nutno se vyvarovat:**  
Nedochází k rozkladu při doporučeném způsobu použití.
- **10.3 Možnost nebezpečných reakcí** Žádné nebezpečné reakce nejsou známy.
- **10.4 Podmínky, kterým je třeba zabránit** Další relevantní informace nejsou k dispozici.
- **10.5 Neslučitelné materiály:** Další relevantní informace nejsou k dispozici.

(pokračování na straně 6)

# Bezpečnostní list

## podle 1907/2006/ES, Článek 31

Datum vydání: 14.07.2017

Revize: 14.07.2017

**Obchodní označení: CMCP-9 LOW VISCOSITY MOUNTANT**

· **10.6 Nebezpečné produkty rozkladu:** Nejsou známy žádné nebezpečné produkty při rozkladu.

(pokračování strany 5)

### ODDÍL 11: Toxikologické informace

· **11.1 Informace o toxikologických účincích**

· **Akutní toxicita**

Zdraví škodlivý při požití.

Toxický při vdechování.

· **Zařazení relevantní hodnoty LD/LC 50:**

**108-95-2 fenol**

Orálně	LD50	317 mg/kg (rat)
Pokožkou	LD50	850 mg/kg (rabbit)

· **Primární dráždivé účinky:**

· **Žíravost/dráždivost pro kůži**

Způsobuje těžké poleptání kůže a poškození očí.

· **Vážné poškození očí / podráždění očí**

Způsobuje těžké poleptání kůže a poškození očí.

· **Senzibilizace dýchacích cest / senzibilizace kůže**

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

· **Účinky CMR (karcinogenita, mutagenita a toxicita pro reprodukci)**

· **Mutagenita v zárodečných buňkách** Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

· **Karcinogenita** Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

· **Toxicita pro reprodukci** Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

· **Toxicita pro specifické cílové orgány – jednorázová expozice**

Může způsobit poškození orgánů.

· **Toxicita pro specifické cílové orgány – opakovaná expozice**

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

· **Nebezpečnost při vdechnutí** Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

### ODDÍL 12: Ekologické informace

· **12.1 Toxicita**

· **Aquatická toxicita:** Další relevantní informace nejsou k dispozici.

· **12.2 Perzistence a rozložitelnost** Další relevantní informace nejsou k dispozici.

· **12.3 Bioakumulační potenciál** Další relevantní informace nejsou k dispozici.

· **12.4 Mobilita v půdě** Další relevantní informace nejsou k dispozici.

· **Další ekologické údaje:**

· **Všeobecná upozornění:**

Třída ohrožení vody 2 (Samozářazení): ohrožuje vodu

Nesmí vniknout do spodní vody, povodí nebo kanalizace.

Nesmí nezředěno nebo nezneutralizováno proniknout do odpadních vod nebo jímek.

Ohrožuje pitnou vodu už při proniknutí malého množství do zeminy.

· **12.5 Výsledky posouzení PBT a vPvB**

· **PBT:** Nedá se použít.

· **vPvB:** Nedá se použít.

· **12.6 Jiné nepříznivé účinky** Další relevantní informace nejsou k dispozici.

-cz-

(pokračování na straně 7)



# Bezpečnostní list

## podle 1907/2006/ES, Článek 31

Datum vydání: 14.07.2017

Revize: 14.07.2017


Obchodní označení: CMCP-9 LOW VISCOSITY MOUNTANT

(pokračování strany 6)

### ODDÍL 13: Pokyny pro odstraňování

- 13.1 Metody nakládání s odpady
- Doporučení: Nesmí se odstraňovat společně s odpady z domácnosti. Nepřipustit únik do kanalizace.
- Kontaminované obaly:
- Doporučení: Odstranění podle příslušných předpisů.

### ODDÍL 14: Informace pro přepravu

· 14.1 UN číslo	UN2821
· ADR, IMDG, IATA	
· 14.2 Oficiální (OSN) pojmenování pro přepravu	
· ADR	2821 FENOL, ROZTOK
· IMDG, IATA	PHENOL SOLUTION
· 14.3 Třída/třídy nebezpečnosti pro přepravu	
· ADR, IMDG, IATA	
	
· třída	6.1 Jedovaté látky
· Etiketa	6.1
· 14.4 Obalová skupina	
· ADR, IMDG, IATA	II
· 14.5 Nebezpečnost pro životní prostředí:	Nedá se použít.
· 14.6 Zvláštní bezpečnostní opatření pro uživatele	Varování: Jedovaté látky
· EMS-skupina:	F-A,S-A
· 14.7 Hromadná přeprava podle přílohy II úmluvy MARPOL a předpisu IBC	Nedá se použít.
· Přeprava/další údaje:	
· ADR	
· Omezené množství (LQ)	100 ml
· Vyňatá množství (EQ)	Kód: E4 Nejvyšší čisté množství na vnitřní obal: 1 ml Nejvyšší čisté množství na vnější obal: 500 ml
· UN "Model Regulation":	UN 2821 FENOL, ROZTOK, 6.1, II

### ODDÍL 15: Informace o předpisech

- 15.1 Předpisy týkající se bezpečnosti, zdraví a životního prostředí/specifické právní předpisy týkající se látky nebo směsi
- Rady 2012/18/EU
- Nebezpečné látky jmenovitě uvedené - **PŘÍLOHA I** Žádná z obsažených látek není na seznamu.
- Kategorie Seveso H2 AKUTNÍ TOXICITA

(pokračování na straně 8)

# Bezpečnostní list

## podle 1907/2006/ES, Článek 31

Datum vydání: 14.07.2017

Revize: 14.07.2017

**Obchodní označení: CMCP-9 LOW VISCOSITY MOUNTANT**

(pokračování strany 7)

- **Kvalifikační množství (v tunách) při uplatnění požadavků pro podlimitní množství 50 t**
- **Kvalifikační množství (v tunách) při uplatnění požadavků pro nadlimitní množství 200 t**
- **Rady (ES) č. 1907/2006 PŘÍLOHA XVII Omezující podmínky: 3**
- **15.2 Posouzení chemické bezpečnosti: Posouzení chemické bezpečnosti nebylo provedeno.**

### ODDÍL 16: Další informace

Údaje se opírají o dnešní stav našich vědomostí, nepředstavují však záruku vlastností produktu a nevznikají tak žádné smluvní právní vztahy.

· **Relevantní věty**

H301 Toxický při požití.

H311 Toxický při styku s kůží.

H314 Způsobuje těžké poleptání kůže a poškození očí.

H315 Dráždí kůži.

H319 Způsobuje vážné podráždění očí.

H331 Toxický při vdechování.

H335 Může způsobit podráždění dýchacích cest.

H341 Podezření na genetické poškození.

H373 Může způsobit poškození orgánů při prodloužené nebo opakované expozici.

· **Zkratky a akronymy:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Akutní toxicita – Kategorie 3

Acute Tox. 4: Akutní toxicita – Kategorie 4

Skin Corr. 1B: Žíravost/dráždivost pro kůži – Kategorie 1B

Skin Irrit. 2: Žíravost/dráždivost pro kůži – Kategorie 2

Eye Irrit. 2: Vážné poškození očí / podráždění očí – Kategorie 2

Muta. 2: Mutagenita v zárodečných buňkách – Kategorie 2

STOT SE 2: Toxicita pro specifické cílové orgány (jednorázová expozice) – Kategorie 2

STOT SE 3: Toxicita pro specifické cílové orgány (jednorázová expozice) – Kategorie 3

STOT RE 2: Toxicita pro specifické cílové orgány (opakovaná expozice) – Kategorie 2

# Sicherheitsdatenblatt

## gemäß 1907/2006/EG, Artikel 31

Druckdatum: 14.07.2017

überarbeitet am: 14.07.2017

### ABSCHNITT 1: Bezeichnung des Stoffs beziehungsweise des Gemischs und des Unternehmens

- **1.1 Produktidentifikator**
- **Handelsname:** CMCP-9 LOW VISCOSITY MOUNTANT
- **Artikelnummer:** 18003-01, 18003-05
- **1.2 Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird**  
Keine weiteren relevanten Informationen verfügbar.
- **Verwendung des Stoffes / des Gemisches** Laborchemikalien
- **1.3 Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt**
- **Hersteller/Lieferant:**  
  
Science Services GmbH  
Unterhachinger Str. 75  
81737 München Germany  
  
Tel: +49(0)89 18 93 668-0  
safety@scienceservices.de  
  
Deutschland: +49 (0)89 19240, 24h Giftnotruf Munchen, www.toxinfo.org  
Osterreich: +43 1406 43 43, Gesundheit Osterreich GmbH, 24 h
- **Auskunftgebender Bereich:** Product safety department
- **1.4 Notrufnummer:**  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

### ABSCHNITT 2: Mögliche Gefahren

- **2.1 Einstufung des Stoffs oder Gemischs**
- **Einstufung gemäß Verordnung (EG) Nr. 1272/2008**



GHS06 Totenkopf mit gekreuzten Knochen

Acute Tox. 3 H331 Giftig bei Einatmen.



GHS08 Gesundheitsgefahr

STOT SE 2 H371 Kann die Organe schädigen.



GHS05 Ätzwirkung

Skin Corr. 1B H314 Verursacht schwere Verätzungen der Haut und schwere Augenschäden.



GHS07

Acute Tox. 4 H302 Gesundheitsschädlich bei Verschlucken.

- **2.2 Kennzeichnungselemente**
- **Kennzeichnung gemäß Verordnung (EG) Nr. 1272/2008**  
Das Produkt ist gemäß CLP-Verordnung eingestuft und gekennzeichnet.

(Fortsetzung auf Seite 2)

# Sicherheitsdatenblatt

## gemäß 1907/2006/EG, Artikel 31

Druckdatum: 14.07.2017

überarbeitet am: 14.07.2017

**Handelsname: CMCP-9 LOW VISCOSITY MOUNTANT**

(Fortsetzung von Seite 1)

**Gefahrenpiktogramme**


GHS05 GHS06 GHS08

**Signalwort Gefahr**
**Gefahrbestimmende Komponenten zur Etikettierung:**

Phenol

DL-Milchsäure

**Gefahrenhinweise**

H302 Gesundheitsschädlich bei Verschlucken.

H331 Giftig bei Einatmen.

H314 Verursacht schwere Verätzungen der Haut und schwere Augenschäden.

H371 Kann die Organe schädigen.

**Sicherheitshinweise**

P303+P361+P353 BEI BERÜHRUNG MIT DER HAUT (oder dem Haar): Alle kontaminierten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen/duschen.

P305+P351+P338 BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen.

P310 Sofort GIFTINFORMATIONSZENTRUM/Arzt anrufen.

P321 Besondere Behandlung (siehe auf diesem Kennzeichnungsetikett).

P405 Unter Verschluss aufbewahren.

P501 Entsorgung des Inhalts / des Behälters gemäß den örtlichen / regionalen / nationalen / internationalen Vorschriften.

**2.3 Sonstige Gefahren**
**Ergebnisse der PBT- und vPvB-Beurteilung**
**PBT:** Nicht anwendbar.

**vPvB:** Nicht anwendbar.

### ABSCHNITT 3: Zusammensetzung/Angaben zu Bestandteilen

**3.2 Chemische Charakterisierung: Gemische**
**Beschreibung:** Gemisch aus nachfolgend angeführten Stoffen mit ungefährlichen Beimengungen.

**Gefährliche Inhaltsstoffe:**

CAS: 108-95-2 EINECS: 203-632-7	Phenol ☠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ☠ Muta. 2, H341; STOT RE 2, H373; ☠ Skin Corr. 1B, H314	10-25%
CAS: 598-82-3 EINECS: 209-954-4	DL-Milchsäure ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-25%

**Zusätzliche Hinweise:** Der Wortlaut der angeführten Gefahrenhinweise ist dem Abschnitt 16 zu entnehmen.

### ABSCHNITT 4: Erste-Hilfe-Maßnahmen

**4.1 Beschreibung der Erste-Hilfe-Maßnahmen**
**Allgemeine Hinweise:**

Mit Produkt verunreinigte Kleidungsstücke unverzüglich entfernen.

Vergiftungssymptome können erst nach vielen Stunden auftreten, deshalb ärztliche Überwachung mindestens 48 Stunden nach einem Unfall.

Atemschutz erst nach Entfernen verunreinigter Kleidungsstücke abnehmen.

(Fortsetzung auf Seite 3)

# Sicherheitsdatenblatt

## gemäß 1907/2006/EG, Artikel 31

Druckdatum: 14.07.2017

überarbeitet am: 14.07.2017

**Handelsname: CMCP-9 LOW VISCOSITY MOUNTANT**

(Fortsetzung von Seite 2)

- Bei unregelmäßiger Atmung oder Atemstillstand künstliche Beatmung.
- **Nach Einatmen:**  
Frischlucht- oder Sauerstoffzufuhr; ärztliche Hilfe in Anspruch nehmen.  
Bei Bewußtlosigkeit Lagerung und Transport in stabiler Seitenlage.
- **Nach Hautkontakt:** Sofort mit Wasser und Seife abwaschen und gut nachspülen.
- **Nach Augenkontakt:**  
Augen bei geöffnetem Lidspalt mehrere Minuten unter fließendem Wasser abspülen und Arzt konsultieren.
- **Nach Verschlucken:**  
Kein Erbrechen herbeiführen, sofort Arzthilfe zuziehen.  
Reichlich Wasser nachtrinken und Frischluchtzufuhr. Unverzüglich Arzt hinzuziehen.
- **4.2 Wichtigste akute und verzögert auftretende Symptome und Wirkungen**  
Keine weiteren relevanten Informationen verfügbar.
- **4.3 Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung**  
Keine weiteren relevanten Informationen verfügbar.

### ABSCHNITT 5: Maßnahmen zur Brandbekämpfung

- **5.1 Löschmittel**
- **Geeignete Löschmittel:** Feuerlöschmaßnahmen auf die Umgebung abstimmen.
- **5.2 Besondere vom Stoff oder Gemisch ausgehende Gefahren**  
Keine weiteren relevanten Informationen verfügbar.
- **5.3 Hinweise für die Brandbekämpfung**
- **Besondere Schutzausrüstung:** Atemschutzgerät anlegen.

### ABSCHNITT 6: Maßnahmen bei unbeabsichtigter Freisetzung

- **6.1 Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren**  
Schutzausrüstung tragen. Ungeschützte Personen fernhalten.
- **6.2 Umweltschutzmaßnahmen:** Nicht in die Kanalisation/Oberflächenwasser/Grundwasser gelangen lassen.
- **6.3 Methoden und Material für Rückhaltung und Reinigung:**  
Mit flüssigkeitsbindendem Material (Sand, Kieselgur, Säurebinder, Universalbinder, Sägemehl) aufnehmen.  
Neutralisationsmittel anwenden.  
Kontaminiertes Material als Abfall nach Abschnitt 13 entsorgen.  
Für ausreichende Lüftung sorgen.
- **6.4 Verweis auf andere Abschnitte**  
Informationen zur sicheren Handhabung siehe Abschnitt 7.  
Informationen zur persönlichen Schutzausrüstung siehe Abschnitt 8.  
Informationen zur Entsorgung siehe Abschnitt 13.

### ABSCHNITT 7: Handhabung und Lagerung

- **7.1 Schutzmaßnahmen zur sicheren Handhabung**  
Für gute Belüftung/Absaugung am Arbeitsplatz sorgen.  
Behälter mit Vorsicht öffnen und handhaben.  
Aerosolbildung vermeiden.
- **Hinweise zum Brand- und Explosionsschutz:** Atemschutzgeräte bereithalten.
- **7.2 Bedingungen zur sicheren Lagerung unter Berücksichtigung von Unverträglichkeiten**
- **Lagerung:**
- **Anforderung an Lagerräume und Behälter:** Keine besonderen Anforderungen.
- **Zusammenlagerungshinweise:** Nicht erforderlich.
- **Weitere Angaben zu den Lagerbedingungen:** Behälter dicht geschlossen halten.

(Fortsetzung auf Seite 4)

# Sicherheitsdatenblatt

## gemäß 1907/2006/EG, Artikel 31

Druckdatum: 14.07.2017

überarbeitet am: 14.07.2017

**Handelsname: CMCP-9 LOW VISCOSITY MOUNTANT**

(Fortsetzung von Seite 3)

- **Lagerklasse:**
- **Klassifizierung nach Betriebsicherheitsverordnung (BetrSichV):** -
- **7.3 Spezifische Endanwendungen** Keine weiteren relevanten Informationen verfügbar.

### ABSCHNITT 8: Begrenzung und Überwachung der Exposition/Persönliche Schutzausrüstungen

- **Zusätzliche Hinweise zur Gestaltung technischer Anlagen:** Keine weiteren Angaben, siehe Abschnitt 7.
- **8.1 Zu überwachende Parameter**

· **Bestandteile mit arbeitsplatzbezogenen, zu überwachenden Grenzwerten:**

#### 108-95-2 Phenol

AGW	Langzeitwert: 8 mg/m <sup>3</sup> , 2 ml/m <sup>3</sup> 2(II);EU, H, 11
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· **Bestandteile mit biologischen Grenzwerten:**

#### 108-95-2 Phenol

BGW	120 mg/g Kreatinin Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: Phenol (nach Hydrolyse)
-----	---

· **Zusätzliche Hinweise:** Als Grundlage dienen die bei der Erstellung gültigen Listen.

· **8.2 Begrenzung und Überwachung der Exposition**

· **Persönliche Schutzausrüstung:**

· **Allgemeine Schutz- und Hygienemaßnahmen:**

Von Nahrungsmitteln, Getränken und Futtermitteln fernhalten.

Beschmutzte, getränkte Kleidung sofort ausziehen.

Vor den Pausen und bei Arbeitsende Hände waschen.

Getrennte Aufbewahrung der Schutzkleidung.

Berührung mit den Augen und der Haut vermeiden.

· **Atemschutz:**

Bei kurzzeitiger oder geringer Belastung Atemfiltergerät; bei intensiver bzw. längerer Exposition unluftunabhängiges Atemschutzgerät verwenden.

· **Handschutz:**



Schutzhandschuhe

Das Handschuhmaterial muss undurchlässig und beständig gegen das Produkt / den Stoff / die Zubereitung sein. Aufgrund fehlender Tests kann keine Empfehlung zum Handschuhmaterial für das Produkt / die Zubereitung / das Chemikaliengemisch abgegeben werden.

Auswahl des Handschuhmaterials unter Beachtung der Durchbruchzeiten, Permeationsraten und der Degradation.

· **Handschuhmaterial**

Die Auswahl eines geeigneten Handschuhs ist nicht nur vom Material, sondern auch von weiteren Qualitätsmerkmalen abhängig und von Hersteller zu Hersteller unterschiedlich. Da das Produkt eine Zubereitung aus mehreren Stoffen darstellt, ist die Beständigkeit von Handschuhmaterialien nicht vorausberechenbar und muß deshalb vor dem Einsatz überprüft werden.

· **Durchdringungszeit des Handschuhmaterials**

Die genaue Durchbruchzeit ist beim Schutzhandschuhhersteller zu erfahren und einzuhalten.

(Fortsetzung auf Seite 5)

# Sicherheitsdatenblatt

## gemäß 1907/2006/EG, Artikel 31

Druckdatum: 14.07.2017

überarbeitet am: 14.07.2017

Handelsname: CMCP-9 LOW VISCOSITY MOUNTANT

(Fortsetzung von Seite 4)

· **Augenschutz:**

Dichtschließende Schutzbrille

### ABSCHNITT 9: Physikalische und chemische Eigenschaften

· **9.1 Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften**· **Allgemeine Angaben**· **Aussehen:**

· <b>Form:</b>	Flüssig
· <b>Farbe:</b>	Gemäß Produktbezeichnung
· <b>Geruch:</b>	Charakteristisch
· <b>Geruchsschwelle:</b>	Nicht bestimmt.

· **pH-Wert:** Nicht bestimmt.· **Zustandsänderung**

· <b>Schmelzpunkt/Gefrierpunkt:</b>	Nicht bestimmt.
· <b>Siedebeginn und Siedebereich:</b>	100 °C

· **Flammpunkt:** Nicht anwendbar.· **Entzündbarkeit (fest, gasförmig):** Nicht anwendbar.· **Zündtemperatur:** 595 °C· **Zersetzungstemperatur:** Nicht bestimmt.· **Selbstentzündungstemperatur:** Das Produkt ist nicht selbstentzündlich.· **Explosive Eigenschaften:** Das Produkt ist nicht explosionsgefährlich.· **Explosionsgrenzen:**

· <b>Untere:</b>	1,3 Vol %
· <b>Obere:</b>	9,5 Vol %

· **Dampfdruck bei 20 °C:** 23 hPa· **Dichte:** Nicht bestimmt.· **Relative Dichte:** Nicht bestimmt.· **Dampfdichte:** Nicht bestimmt.· **Verdampfungsgeschwindigkeit:** Nicht bestimmt.· **Löslichkeit in / Mischbarkeit mit**· **Wasser:** Nicht bzw. wenig mischbar.· **Verteilungskoeffizient: n-Octanol/Wasser:** Nicht bestimmt.· **Viskosität:**

· <b>Dynamisch:</b>	Nicht bestimmt.
· <b>Kinematisch:</b>	Nicht bestimmt.

· **Lösemittelgehalt:**

· <b>Organische Lösemittel:</b>	21,0 %
· <b>Wasser:</b>	53,0 %
· <b>VOC (EU)</b>	21,00 %

· **Festkörpergehalt:** 21,0 %

(Fortsetzung auf Seite 6)

# Sicherheitsdatenblatt

## gemäß 1907/2006/EG, Artikel 31

Druckdatum: 14.07.2017

überarbeitet am: 14.07.2017

**Handelsname: CMCP-9 LOW VISCOSITY MOUNTANT**

(Fortsetzung von Seite 5)

**· 9.2 Sonstige Angaben**

Keine weiteren relevanten Informationen verfügbar.

### ABSCHNITT 10: Stabilität und Reaktivität

- **10.1 Reaktivität** Keine weiteren relevanten Informationen verfügbar.
- **10.2 Chemische Stabilität**
- **Thermische Zersetzung / zu vermeidende Bedingungen:**  
Keine Zersetzung bei bestimmungsgemäßer Verwendung.
- **10.3 Möglichkeit gefährlicher Reaktionen** Keine gefährlichen Reaktionen bekannt.
- **10.4 Zu vermeidende Bedingungen** Keine weiteren relevanten Informationen verfügbar.
- **10.5 Unverträgliche Materialien:** Keine weiteren relevanten Informationen verfügbar.
- **10.6 Gefährliche Zersetzungsprodukte:** Keine gefährlichen Zersetzungsprodukte bekannt.

### ABSCHNITT 11: Toxikologische Angaben

- **11.1 Angaben zu toxikologischen Wirkungen**
- **Akute Toxizität**  
Gesundheitsschädlich bei Verschlucken.  
Giftig bei Einatmen.

**· Einstufungsrelevante LD/LC50-Werte:**

**108-95-2 Phenol**

Oral	LD50	317 mg/kg (rat)
Dermal	LD50	850 mg/kg (rabbit)

- **Primäre Reizwirkung:**
- **Ätz-/Reizwirkung auf die Haut**  
Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
- **Schwere Augenschädigung/-reizung**  
Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
- **Sensibilisierung der Atemwege/Haut** Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
- **CMR-Wirkungen (krebserzeugende, erbgutverändernde und fortpflanzungsgefährdende Wirkung)**
- **Keimzell-Mutagenität** Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
- **Karzinogenität** Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
- **Reproduktionstoxizität** Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
- **Spezifische Zielorgan-Toxizität bei einmaliger Exposition**  
Kann die Organe schädigen.
- **Spezifische Zielorgan-Toxizität bei wiederholter Exposition**  
Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.
- **Aspirationsgefahr** Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### ABSCHNITT 12: Umweltbezogene Angaben

- **12.1 Toxizität**
- **Aquatische Toxizität:** Keine weiteren relevanten Informationen verfügbar.
- **12.2 Persistenz und Abbaubarkeit** Keine weiteren relevanten Informationen verfügbar.
- **12.3 Bioakkumulationspotenzial** Keine weiteren relevanten Informationen verfügbar.
- **12.4 Mobilität im Boden** Keine weiteren relevanten Informationen verfügbar.
- **Weitere ökologische Hinweise:**
- **Allgemeine Hinweise:**  
Wassergefährdungsklasse 2 (Selbsteinstufung): wassergefährdend

(Fortsetzung auf Seite 7)



# Sicherheitsdatenblatt

## gemäß 1907/2006/EG, Artikel 31

Druckdatum: 14.07.2017

überarbeitet am: 14.07.2017

**Handelsname: CMCP-9 LOW VISCOSITY MOUNTANT**

(Fortsetzung von Seite 6)

- Nicht in das Grundwasser, in Gewässer oder in die Kanalisation gelangen lassen.  
 Darf nicht unverdünnt bzw. unneutralisiert ins Abwasser bzw. in den Vorfluter gelangen.  
 Trinkwassergefährdung bereits beim Auslaufen geringer Mengen in den Untergrund.
- **12.5 Ergebnisse der PBT- und vPvB-Beurteilung**
  - **PBT:** Nicht anwendbar.
  - **vPvB:** Nicht anwendbar.
  - **12.6 Andere schädliche Wirkungen** Keine weiteren relevanten Informationen verfügbar.

### ABSCHNITT 13: Hinweise zur Entsorgung

- **13.1 Verfahren der Abfallbehandlung**
- **Empfehlung:** Darf nicht zusammen mit Hausmüll entsorgt werden. Nicht in die Kanalisation gelangen lassen.
- **Ungereinigte Verpackungen:**
- **Empfehlung:** Entsorgung gemäß den behördlichen Vorschriften.

### ABSCHNITT 14: Angaben zum Transport

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>· <b>14.1 UN-Nummer</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>   | <p style="text-align: right;">UN2821</p>  |
| <ul style="list-style-type: none"> <li>· <b>14.2 Ordnungsgemäße UN-Versandbezeichnung</b></li> <li>· <b>ADR</b></li> <li>· <b>IMDG, IATA</b></li> </ul> | <p style="text-align: right;">2821 PHENOL, LÖSUNG<br/>PHENOL SOLUTION</p>   |
| <ul style="list-style-type: none"> <li>· <b>14.3 Transportgefahrenklassen</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>                              | <p style="text-align: right;">6.1 Giftige Stoffe<br/>6.1</p>  |
| <ul style="list-style-type: none"> <li>· <b>14.4 Verpackungsgruppe</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>                                     | <p style="text-align: right;">II</p>  |
| <ul style="list-style-type: none"> <li>· <b>14.5 Umweltgefahren:</b></li> </ul>   | <p style="text-align: right;">Nicht anwendbar.</p>  |
| <ul style="list-style-type: none"> <li>· <b>14.6 Besondere Vorsichtsmaßnahmen für den Verwender</b></li> <li>· <b>EMS-Nummer:</b></li> </ul>            | <p style="text-align: right;">Achtung: Giftige Stoffe<br/>F-A,S-A</p>   |
| <ul style="list-style-type: none"> <li>· <b>14.7 Massengutbeförderung gemäß Anhang II des MARPOL-Übereinkommens und gemäß IBC-Code</b></li> </ul>       | <p style="text-align: right;">Nicht anwendbar.</p>  |
| <ul style="list-style-type: none"> <li>· <b>Transport/weitere Angaben:</b></li> </ul>   |   |
| <ul style="list-style-type: none"> <li>· <b>ADR</b></li> <li>· <b>Begrenzte Menge (LQ)</b></li> <li>· <b>Freigestellte Mengen (EQ)</b></li> </ul>       | <p style="text-align: right;">100 ml<br/>Code: E4<br/>Höchste Nettomenge je Innenverpackung: 1 ml<br/>Höchste Nettomenge je Außenverpackung: 500 ml</p> |

(Fortsetzung auf Seite 8)

# Sicherheitsdatenblatt

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**Handelsname: CMCP-9 LOW VISCOSITY MOUNTANT**

(Fortsetzung von Seite 7)

· UN "Model Regulation":

UN 2821 PHENOL, LÖSUNG, 6.1, II

### ABSCHNITT 15: Rechtsvorschriften

- **15.1 Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften für den Stoff oder das Gemisch**
  - Richtlinie 2012/18/EU
  - Namentlich aufgeführte gefährliche Stoffe - ANHANG I Keiner der Inhaltsstoffe ist enthalten.
  - Seveso-Kategorie H2 AKUT TOXISCH
  - Mengenschwelle (in Tonnen) für die Anwendung in Betrieben der unteren Klasse 50 t
  - Mengenschwelle (in Tonnen) für die Anwendung in Betrieben der oberen Klasse 200 t
  - VERORDNUNG (EG) Nr. 1907/2006 ANHANG XVII Beschränkungsbedingungen: 3
  - Nationale Vorschriften:
  - Technische Anleitung Luft:
- | Klasse | Anteil in % |
|--------|-------------|
| Wasser | 53,0        |
| I      | 21,0        |
- Wassergefährdungsklasse: WGK 2 (Selbsteinstufung): wassergefährdend.
  - Sonstige Vorschriften, Beschränkungen und Verbotserordnungen  
Das Produkt unterliegt der Anlage 2 der Chemikalienverbotsverordnung (ChemVerbotsV) - Anforderungen in Bezug auf die Abgabe
  - **15.2 Stoffsicherheitsbeurteilung:** Eine Stoffsicherheitsbeurteilung wurde nicht durchgeführt.

### ABSCHNITT 16: Sonstige Angaben

Die Angaben stützen sich auf den heutigen Stand unserer Kenntnisse, sie stellen jedoch keine Zusicherung von Produkteigenschaften dar und begründen kein vertragliches Rechtsverhältnis.

- **Relevante Sätze**
- H301 Giftig bei Verschlucken.
- H311 Giftig bei Hautkontakt.
- H314 Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
- H315 Verursacht Hautreizungen.
- H319 Verursacht schwere Augenreizung.
- H331 Giftig bei Einatmen.
- H335 Kann die Atemwege reizen.
- H341 Kann vermutlich genetische Defekte verursachen.
- H373 Kann die Organe schädigen bei längerer oder wiederholter Exposition.
- **Abkürzungen und Akronyme:**
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic

(Fortsetzung auf Seite 9)

**Sicherheitsdatenblatt**  
gemäß 1907/2006/EG, Artikel 31

Druckdatum: 14.07.2017

überarbeitet am: 14.07.2017

**Handelsname: CMCP-9 LOW VISCOSITY MOUNTANT**

(Fortsetzung von Seite 8)

*vPvB: very Persistent and very Bioaccumulative**Acute Tox. 3: Akute Toxizität – Kategorie 3**Acute Tox. 4: Akute Toxizität – Kategorie 4**Skin Corr. 1B: Hautreizende/-ätzende Wirkung – Kategorie 1B**Skin Irrit. 2: Hautreizende/-ätzende Wirkung – Kategorie 2**Eye Irrit. 2: Schwere Augenschädigung/Augenreizung – Kategorie 2**Muta. 2: Keimzellmutagenität – Kategorie 2**STOT SE 2: Spezifische Zielorgan-Toxizität (einmalige Exposition) – Kategorie 2**STOT SE 3: Spezifische Zielorgan-Toxizität (einmalige Exposition) – Kategorie 3**STOT RE 2: Spezifische Zielorgan-Toxizität (wiederholte Exposition) – Kategorie 2*

DE

# Ficha de datos de seguridad

## según 1907/2006/CE, Artículo 31

fecha de impresión 14.07.2017

Revisión: 14.07.2017

### SECCIÓN 1: Identificación de la sustancia o la mezcla y de la sociedad o la empresa

- **1.1 Identificador del producto**
- **Nombre comercial:** *CMCP-9 LOW VISCOSITY MOUNTANT*
- **Número del artículo:** 18003-01, 18003-05
- **1.2 Usos pertinentes identificados de la sustancia o de la mezcla y usos desaconsejados**  
No existen más datos relevantes disponibles.
- **Utilización del producto / de la elaboración** Sustancias químicas de laboratorio
- **1.3 Datos del proveedor de la ficha de datos de seguridad**
- **Fabricante/distribuidor:**  
 Aname  
 C/ Perez Galdos no. 2  
 28693 Quijorna  
 Madrid, Spain  
 Tel: +34.91.816.89.50  
 Fax: +34.91.816.85.94  
 email: ventas@aname.es
- **Área de información:** Product safety department
- **1.4 Teléfono de emergencia:**  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

### SECCIÓN 2: Identificación de los peligros

- **2.1 Clasificación de la sustancia o de la mezcla**
- **Clasificación con arreglo al Reglamento (CE) n° 1272/2008**



GHS06 calavera y tibias cruzadas

Acute Tox. 3 H331 Tóxico en caso de inhalación.



GHS08 peligro para la salud

STOT SE 2 H371 Puede provocar daños en los órganos.



GHS05 corrosión

Skin Corr. 1B H314 Provoca quemaduras graves en la piel y lesiones oculares graves.



GHS07

Acute Tox. 4 H302 Nocivo en caso de ingestión.

- **2.2 Elementos de la etiqueta**
- **Etiquetado con arreglo al Reglamento (CE) n° 1272/2008**  
El producto se ha clasificado y etiquetado de conformidad con el reglamento CLP.

( se continua en página 2 )

# Ficha de datos de seguridad

## según 1907/2006/CE, Artículo 31

fecha de impresión 14.07.2017

Revisión: 14.07.2017

Nombre comercial: **CMCP-9 LOW VISCOSITY MOUNTANT**

( se continua en página 1 )

· **Pictogramas de peligro**

GHS05 GHS06 GHS08

· **Palabra de advertencia Peligro**· **Componentes peligrosos a indicar en el etiquetaje:**

fenol  
acido dl-lactico

· **Indicaciones de peligro**

H302 Nocivo en caso de ingestión.

H331 Tóxico en caso de inhalación.

H314 Provoca quemaduras graves en la piel y lesiones oculares graves.

H371 Puede provocar daños en los órganos.

· **Consejos de prudencia**

P303+P361+P353 EN CASO DE CONTACTO CON LA PIEL (o el pelo): Quitar inmediatamente todas las prendas contaminadas. Aclararse la piel con agua/ducharse.

P305+P351+P338 EN CASO DE CONTACTO CON LOS OJOS: Aclarar cuidadosamente con agua durante varios minutos. Quitar las lentes de contacto, si lleva y resulta fácil. Seguir aclarando.

P310 Llamar inmediatamente a un CENTRO DE TOXICOLOGÍA/médico.

P321 Se necesita un tratamiento específico (ver en esta etiqueta).

P405 Guardar bajo llave.

P501 Eliminar el contenido o el recipiente conforme a la reglamentación local/regional/nacional/internacional.

· **2.3 Otros peligros**· **Resultados de la valoración PBT y mPmB**· **PBT:** No aplicable.· **mPmB:** No aplicable.

### SECCIÓN 3: Composición/información sobre los componentes

· **3.2 Caracterización química: Mezclas**· **Descripción:** Mezcla formada por las sustancias especificadas a continuación con adiciones no peligrosas.· **Componentes peligrosos:**

CAS: 108-95-2 EINECS: 203-632-7	fenol ☠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ☠ Muta. 2, H341; STOT RE 2, H373; ☠ Skin Corr. 1B, H314	10-25%
CAS: 598-82-3 EINECS: 209-954-4	acido dl-lactico ☠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-25%

· **Indicaciones adicionales:** El texto de los posibles riesgos aquí indicados se puede consultar en el capítulo 16.

### SECCIÓN 4: Primeros auxilios

· **4.1 Descripción de los primeros auxilios**· **Instrucciones generales:**

Quitarse de inmediato toda prenda contaminada con el producto.

Los síntomas de intoxicación pueden presentarse después de muchas horas, por lo que se requiere una supervisión médica durante un mínimo de 48 horas después del accidente.

Antes de quitarse la protección respiratoria, quítese la ropa contaminada.

( se continua en página 3 )

# Ficha de datos de seguridad

## según 1907/2006/CE, Artículo 31

fecha de impresión 14.07.2017

Revisión: 14.07.2017

**Nombre comercial: CMCP-9 LOW VISCOSITY MOUNTANT**

( se continua en página 2 )

- En caso de respiración irregular o apnea (paro respiratorio), hágase la respiración artificial.
- **En caso de inhalación del producto:**  
Suministrar aire fresco u oxígeno; solicitar ayuda médica.  
Las personas desmayadas deben tenderse y transportarse de lado con la suficiente estabilidad.
- **En caso de contacto con la piel:** Lavar inmediatamente con agua y jabón y enjuagar bien.
- **En caso de con los ojos:**  
Limpiar los ojos abiertos durante varios minutos con agua corriente y consultar un médico.
- **En caso de ingestión:**  
No provocar el vómito y solicitar asistencia médica inmediata.  
Beber mucha agua a respirar aire fresco. Solicitar asistencia médica inmediatamente.
- **4.2 Principales síntomas y efectos, agudos y retardados** No existen más datos relevantes disponibles.
- **4.3 Indicación de toda atención médica y de los tratamientos especiales que deban dispensarse inmediatamente**  
No existen más datos relevantes disponibles.

### SECCIÓN 5: Medidas de lucha contra incendios

- **5.1 Medios de extinción**
- **Sustancias extintoras apropiadas:** Combatir los incendios con medidas adaptados al ambiente circundante.
- **5.2 Peligros específicos derivados de la sustancia o la mezcla** No existen más datos relevantes disponibles.
- **5.3 Recomendaciones para el personal de lucha contra incendios**
- **Equipo especial de protección:** Colocarse la protección respiratoria.

### SECCIÓN 6: Medidas en caso de vertido accidental

- **6.1 Precauciones personales, equipo de protección y procedimientos de emergencia**  
Llevar puesto equipo de protección. Mantener alejadas las personas sin protección.
- **6.2 Precauciones relativas al medio ambiente:**  
Evitar que penetre en la canalización /aguas de superficie /agua subterráneas.
- **6.3 Métodos y material de contención y de limpieza:**  
Quitar con material absorbente (arena, kieselgur, aglutinante de ácidos, aglutinante universal, aserrín).  
Utilizar un neutralizador.  
Desechar el material contaminado como vertido según item 13.  
Asegurar suficiente ventilación.
- **6.4 Referencia a otras secciones**  
Ver capítulo 7 para mayor información sobre una manipulación segura.  
Ver capítulo 8 para mayor información sobre el equipo personal de protección.  
Para mayor información sobre cómo desechar el producto, ver capítulo 13.

### SECCIÓN 7: Manipulación y almacenamiento

- **7.1 Precauciones para una manipulación segura**  
Asegurar suficiente ventilación /aspiración en el puesto de trabajo.  
Abrir y manejar el recipiente con cuidado.  
Evitar la formación de aerosoles.
- **Prevención de incendios y explosiones:** Tener preparados los aparatos respiratorios.
- **7.2 Condiciones de almacenamiento seguro, incluidas posibles incompatibilidades**
- **Almacenamiento:**
- **Exigencias con respecto al almacén y los recipientes:** No se requieren medidas especiales.
- **Normas en caso de un almacenamiento conjunto:** No es necesario.
- **Indicaciones adicionales sobre las condiciones de almacenamiento:**  
Mantener el recipiente cerrado herméticamente.

( se continua en página 4 )

# Ficha de datos de seguridad

## según 1907/2006/CE, Artículo 31

fecha de impresión 14.07.2017

Revisión: 14.07.2017

**Nombre comercial: CMCP-9 LOW VISCOSITY MOUNTANT**

( se continua en página 3 )

· **7.3 Usos específicos finales** No existen más datos relevantes disponibles.

### SECCIÓN 8: Controles de exposición/protección individual

· **Instrucciones adicionales para el acondicionamiento de instalaciones técnicas:**

Sin datos adicionales, ver punto 7.

· **8.1 Parámetros de control**

· **Componentes con valores límite admisibles que deben controlarse en el puesto de trabajo:**

#### 108-95-2 fenol

LEP	Valor de corta duración: 16 mg/m <sup>3</sup> , 4 ppm Valor de larga duración: 8 mg/m <sup>3</sup> , 2 ppm vía dérmica, VLB, VLI
-----	--

· **Componentes con valores límite biológicos:**

#### 108-95-2 fenol

VLB	120 mg/g creatinina Muestra: orina Momento de Muestreo: Final de la jornada laboral Indicador Biológico: Fenol
-----	---

· **Indicaciones adicionales:** Como base se han utilizado las listas vigentes en el momento de la elaboración.

· **8.2 Controles de la exposición**

· **Equipo de protección individual:**

· **Medidas generales de protección e higiene:**

Mantener alejado de alimentos, bebidas y alimentos para animales.

Quitarse de inmediato la ropa ensuciada o impregnada.

Lavarse las manos antes de las pausas y al final del trabajo.

Guardar la ropa protectora por separado.

Evitar el contacto con los ojos y la piel.

· **Protección respiratoria:**

Si la exposición va a ser breve o de poca intensidad, colocarse una máscara respiratoria. Para una exposición más intensa o de mayor duración, usar un aparato de respiración autónomo.

· **Protección de manos:**



Guantes de protección

El material del guante deberá ser impermeable y resistente al producto / sustancia / preparado.

Ante la ausencia de tests específicos, no se puede recomendar ningún material específico para guantes de protección contra el producto / preparado / mezcla de sustancias químicas.

Selección del material de los guantes en función de los tiempos de rotura, grado de permeabilidad y degradación.

· **Material de los guantes**

La elección del guante adecuado no depende únicamente del material, sino también de otras características de calidad, que pueden variar de un fabricante a otro. Teniendo en cuenta que el producto está fabricado a partir de diferentes materiales, su calidad no puede ser evaluada de antemano, de modo que los guantes deberán ser controlados antes de su utilización.

· **Tiempo de penetración del material de los guantes**

El tiempo de resistencia a la penetración exacto deberá ser pedido al fabricante de los guantes. Este tiempo debe ser respetado.

( se continua en página 5 )

# Ficha de datos de seguridad

## según 1907/2006/CE, Artículo 31

fecha de impresión 14.07.2017

Revisión: 14.07.2017

Nombre comercial: **CMCP-9 LOW VISCOSITY MOUNTANT**

( se continua en página 4 )

· **Protección de ojos:**

Gafas de protección herméticas

### SECCIÓN 9: Propiedades físicas y químicas

· **9.1 Información sobre propiedades físicas y químicas básicas**· **Datos generales**· **Aspecto:****Forma:**

Líquido

**Color:**

Según denominación del producto

· **Olor:**

Característico

· **Umbral olfativo:**

No determinado.

· **valor pH:**

No determinado.

· **Cambio de estado****Punto de fusión/punto de congelación:**

Indeterminado.

**Punto inicial de ebullición e intervalo de ebullición:** 100 °C· **Punto de inflamación:**

No aplicable.

· **Inflamabilidad (sólido, gas):**

No aplicable.

· **Temperatura de ignición:**

595 °C

· **Temperatura de descomposición:**

No determinado.

· **Temperatura de auto-inflamación:**

El producto no es autoinflamable.

· **Propiedades explosivas:**

El producto no es explosivo.

· **Límites de explosión:****Inferior:**

1,3 Vol %

**Superior:**

9,5 Vol %

· **Presión de vapor a 20 °C:**

23 hPa

· **Densidad:**

Indeterminado.

· **Densidad relativa**

No determinado.

· **Densidad de vapor**

No determinado.

· **Tasa de evaporación:**

No determinado.

· **Solubilidad en / miscibilidad con agua:**

Poco o no mezclable.

· **Coeficiente de reparto: n-octanol/agua:**

No determinado.

· **Viscosidad:****Dinámica:**

No determinado.

**Cinemática:**

No determinado.

· **Concentración del disolvente:****Disolventes orgánicos:**

21,0 %

**Agua:**

53,0 %

**VOC (CE)**

21,00 %

**Contenido de cuerpos sólidos:**

21,0 %

( se continua en página 6 )



# Ficha de datos de seguridad

## según 1907/2006/CE, Artículo 31

fecha de impresión 14.07.2017

Revisión: 14.07.2017

Nombre comercial: **CMCP-9 LOW VISCOSITY MOUNTANT**

( se continua en página 5 )

· 9.2 Otros datos

No existen más datos relevantes disponibles.

### SECCIÓN 10: Estabilidad y reactividad

- 10.1 Reactividad No existen más datos relevantes disponibles.
- 10.2 Estabilidad química
- **Descomposición térmica / condiciones que deben evitarse:** No se descompone al emplearse adecuadamente.
- 10.3 Posibilidad de reacciones peligrosas No se conocen reacciones peligrosas.
- 10.4 Condiciones que deben evitarse No existen más datos relevantes disponibles.
- 10.5 Materiales incompatibles: No existen más datos relevantes disponibles.
- 10.6 Productos de descomposición peligrosos: No se conocen productos de descomposición peligrosos.

### SECCIÓN 11: Información toxicológica

- 11.1 Información sobre los efectos toxicológicos
- **Toxicidad aguda**  
Nocivo en caso de ingestión.  
Tóxico en caso de inhalación.

· **Valores LD/LC50 (dosis letal /dosis letal = 50%) relevantes para la clasificación:**

#### 108-95-2 fenol

Oral	LD50	317 mg/kg (rat)
Dermal	LD50	850 mg/kg (rabbit)

- **Efecto estimulante primario:**
- **Corrosión o irritación cutáneas**  
Provoca quemaduras graves en la piel y lesiones oculares graves.
- **Lesiones o irritación ocular graves**  
Provoca quemaduras graves en la piel y lesiones oculares graves.
- **Sensibilización respiratoria o cutánea**  
A la vista de los datos disponibles, no se cumplen los criterios de clasificación.
- **Efectos CMR (carcinogenicidad, mutagenicidad y toxicidad para la reproducción)**
- **Mutagenicidad en células germinales**  
A la vista de los datos disponibles, no se cumplen los criterios de clasificación.
- **Carcinogenicidad** A la vista de los datos disponibles, no se cumplen los criterios de clasificación.
- **Toxicidad para la reproducción** A la vista de los datos disponibles, no se cumplen los criterios de clasificación.
- **Toxicidad específica en determinados órganos (STOT) – exposición única**  
Puede provocar daños en los órganos.
- **Toxicidad específica en determinados órganos (STOT) – exposición repetida**  
A la vista de los datos disponibles, no se cumplen los criterios de clasificación.
- **Peligro de aspiración** A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

### SECCIÓN 12: Información ecológica

- 12.1 Toxicidad
- **Toxicidad acuática:** No existen más datos relevantes disponibles.
- 12.2 Persistencia y degradabilidad No existen más datos relevantes disponibles.
- 12.3 Potencial de bioacumulación No existen más datos relevantes disponibles.
- 12.4 Movilidad en el suelo No existen más datos relevantes disponibles.

( se continua en página 7 )

# Ficha de datos de seguridad

## según 1907/2006/CE, Artículo 31

fecha de impresión 14.07.2017

Revisión: 14.07.2017

**Nombre comercial: CMCP-9 LOW VISCOSITY MOUNTANT**


( se continua en página 6 )

- **Indicaciones medioambientales adicionales:**
- **Indicaciones generales:**  
*Nivel de riesgo para el agua 2 (autoclasiación): peligroso para el agua  
 No dejar que se infiltre en aguas subterráneas, aguas superficiales o en alcantarillados.  
 En estado no diluido o no neutralizado, no verter en el alcantarillado o en otros sistemas de desagüe.  
 Una cantidad mínima vertida en el subsuelo ya representa un peligro para el agua potable.*
- **12.5 Resultados de la valoración PBT y mPmB**
- **PBT:** No aplicable.
- **mPmB:** No aplicable.
- **12.6 Otros efectos adversos** No existen más datos relevantes disponibles.

### SECCIÓN 13: Consideraciones relativas a la eliminación

- **13.1 Métodos para el tratamiento de residuos**
- **Recomendación:** No debe desecharse con la basura doméstica. No debe llegar al alcantarillado.
- **Embalajes sin limpiar:**
- **Recomendación:** Eliminar conforme a las disposiciones oficiales.

### SECCIÓN 14: Información relativa al transporte

- |   |   |
|---|---|
| · <b>14.1 Número ONU</b><br>· <b>ADR, IMDG, IATA</b>  | UN2821                                    |
| · <b>14.2 Designación oficial de transporte de las Naciones Unidas</b><br>· <b>ADR</b><br>· <b>IMDG, IATA</b> | 2821 FENOL EN SOLUCIÓN<br>PHENOL SOLUTION |
| · <b>14.3 Clase(s) de peligro para el transporte</b><br>· <b>ADR, IMDG, IATA</b>                              |   |
|                            |   |
| · <b>Clase</b><br>· <b>Etiqueta</b>   | 6.1 Materias tóxicas<br>6.1               |
| · <b>14.4 Grupo de embalaje</b><br>· <b>ADR, IMDG, IATA</b>   | II  |
| · <b>14.5 Peligros para el medio ambiente:</b>  | No aplicable.                             |
| · <b>14.6 Precauciones particulares para los usuarios</b><br>· <b>Número EMS:</b>                             | Atención: Materias tóxicas<br>F-A,S-A     |
| · <b>14.7 Transporte a granel con arreglo al anexo II del Convenio MARPOL y el Código IBC</b>                 | No aplicable.                             |
| · <b>Transporte/datos adicionales:</b>  |   |
| · <b>ADR</b><br>· <b>Cantidades limitadas (LQ)</b>  | 100 ml                                    |

( se continua en página 8 )

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( se continúa en página 7 )

· <b>Cantidades exceptuadas (EQ)</b>	Código: E4 Cantidad neta máxima por envase interior: 1 ml Cantidad neta máxima por embalaje exterior: 500 ml
· <b>"Reglamentación Modelo" de la UNECE:</b>	UN 2821 FENOL EN SOLUCIÓN, 6.1, II

### SECCIÓN 15: Información reglamentaria

- **15.1 Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla**
- **Directiva 2012/18/UE**
- **Sustancias peligrosas nominadas - ANEXO I** ninguno de los componentes está incluido en una lista
- **Categoría Seveso H2 TOXICIDAD AGUDA**
- **Cantidad umbral (toneladas) a efectos de aplicación de los requisitos de nivel inferior 50 t**
- **Cantidad umbral (toneladas) a efectos de aplicación de los requisitos de nivel superior 200 t**
- **REGLAMENTO (CE) n° 1907/2006 ANEXO XVII Restricciones: 3**
- **15.2 Evaluación de la seguridad química:** Una evaluación de la seguridad química no se ha llevado a cabo.

### SECCIÓN 16: Otra información

Los datos se fundan en el estado actual de nuestros conocimientos, pero no constituyen garantía alguna de cualidades del producto y no generan ninguna relación jurídica contractual.

· **Frases relevantes**

- H301 Tóxico en caso de ingestión.
- H311 Tóxico en contacto con la piel.
- H314 Provoca quemaduras graves en la piel y lesiones oculares graves.
- H315 Provoca irritación cutánea.
- H319 Provoca irritación ocular grave.
- H331 Tóxico en caso de inhalación.
- H335 Puede irritar las vías respiratorias.
- H341 Se sospecha que provoca defectos genéticos.
- H373 Puede provocar daños en los órganos tras exposiciones prolongadas o repetidas.

· **Abreviaturas y acrónimos:**

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 3: Toxicidad aguda – Categoría 3
- Acute Tox. 4: Toxicidad aguda – Categoría 4
- Skin Corr. 1B: Corrosión o irritación cutáneas – Categoría 1B
- Skin Irrit. 2: Corrosión o irritación cutáneas – Categoría 2
- Eye Irrit. 2: Lesiones oculares graves o irritación ocular – Categoría 2
- Muta. 2: Mutagenicidad en células germinales – Categoría 2
- STOT SE 2: Toxicidad específica en determinados órganos ( exposición única) – Categoría 2
- STOT SE 3: Toxicidad específica en determinados órganos ( exposición única) – Categoría 3
- STOT RE 2: Toxicidad específica en determinados órganos (exposiciones repetidas) – Categoría 2

# Fiche de données de sécurité

## selon 1907/2006/CE, Article 31

Date d'impression : 14.07.2017

Révision: 14.07.2017

### RUBRIQUE 1: Identification de la substance/du mélange et de la société/l'entreprise

- **1.1 Identificateur de produit**
- **Nom du produit:** CMCP-9 LOW VISCOSITY MOUNTANT
- **Code du produit:** 18003-01, 18003-05
- **1.2 Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées**  
Pas d'autres informations importantes disponibles.
- **Emploi de la substance / de la préparation** Produits chimiques pour laboratoires
- **1.3 Renseignements concernant le fournisseur de la fiche de données de sécurité**
- **Service chargé des renseignements:** Product safety department
- **1.4 Numéro d'appel d'urgence:**  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

### RUBRIQUE 2: Identification des dangers

- **2.1 Classification de la substance ou du mélange**
- **Classification selon le règlement (CE) n° 1272/2008**



GHS06 tête de mort sur deux tibias

Acute Tox. 3 H331 Toxique par inhalation.



GHS08 danger pour la santé

STOT SE 2 H371 Risque présumé d'effets graves pour les organes.



GHS05 corrosion

Skin Corr. 1B H314 Provoque des brûlures de la peau et des lésions oculaires graves.



GHS07

Acute Tox. 4 H302 Nocif en cas d'ingestion.

- **2.2 Éléments d'étiquetage**
- **Étiquetage selon le règlement (CE) n° 1272/2008** Le produit est classifié et étiqueté selon le règlement CLP.
- **Pictogrammes de danger**



GHS05



GHS06



GHS08

- **Mention d'avertissement** Danger
- **Composants dangereux déterminants pour l'étiquetage:**  
phénol  
acide dl-lactique
- **Mentions de danger**  
H302 Nocif en cas d'ingestion.

(suite page 2)

# Fiche de données de sécurité

## selon 1907/2006/CE, Article 31

Date d'impression : 14.07.2017

Révision: 14.07.2017

**Nom du produit: CMCP-9 LOW VISCOSITY MOUNTANT**

(suite de la page 1)

H331 Toxique par inhalation.

H314 Provoque des brûlures de la peau et des lésions oculaires graves.

H371 Risque présumé d'effets graves pour les organes.

· **Conseils de prudence**

P303+P361+P353 **EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux):** Enlever immédiatement tous les vêtements contaminés. Rincer la peau à l'eau/Se doucher.

P305+P351+P338 **EN CAS DE CONTACT AVEC LES YEUX:** rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer.

P310 Appeler immédiatement un CENTRE ANTIPOISON/un médecin.

P321 Traitement spécifique (voir sur cette étiquette).

P405 Garder sous clef.

P501 Éliminer le contenu/récipient conformément à la réglementation locale/régionale/nationale/internationale.

· **2.3 Autres dangers**

· **Résultats des évaluations PBT et vPvB**

· **PBT:** Non applicable.

· **vPvB:** Non applicable.

### RUBRIQUE 3: Composition/informations sur les composants

· **3.2 Caractérisation chimique: Mélanges**

· **Description:** Mélange des substances mentionnées à la suite avec des additifs non dangereux.

· **Composants dangereux:**

CAS: 108-95-2 EINECS: 203-632-7	phénol ☠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ☠ Muta. 2, H341; STOT RE 2, H373; ☠ Skin Corr. 1B, H314	10-25%
CAS: 598-82-3 EINECS: 209-954-4	acide dl-lactique ☠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-25%

· **Indications complémentaires:** Pour le libellé des phrases de risque citées, se référer au chapitre 16.

### RUBRIQUE 4: Premiers secours

· **4.1 Description des premiers secours**

· **Remarques générales:**

Enlever immédiatement les vêtements contaminés par le produit.

Les symptômes d'intoxication peuvent apparaître après de nombreuses heures seulement; une surveillance médicale est donc nécessaire au moins 48 heures après un accident.

Ne retirer la protection respiratoire qu'après avoir retiré les vêtements contaminés.

Respiration artificielle dans le cas d'une respiration irrégulière ou d'un arrêt respiratoire.

· **Après inhalation:**

Donner de l'air frais ou de l'oxygène; demander d'urgence une assistance médicale.

En cas d'inconscience, coucher et transporter la personne en position latérale stable.

· **Après contact avec la peau:** Laver immédiatement à l'eau et au savon et bien rincer.

· **Après contact avec les yeux:**

Rincer les yeux, pendant plusieurs minutes, sous l'eau courante en écartant bien les paupières et consulter un médecin.

· **Après ingestion:**

Ne pas faire vomir, demander d'urgence une assistance médicale.

Boire de l'eau en abondance et donner de l'air frais. Consulter immédiatement un médecin.

· **4.2 Principaux symptômes et effets, aigus et différés** Pas d'autres informations importantes disponibles.

(suite page 3)

# Fiche de données de sécurité

## selon 1907/2006/CE, Article 31

Date d'impression : 14.07.2017

Révision: 14.07.2017

**Nom du produit: CMCP-9 LOW VISCOSITY MOUNTANT**

(suite de la page 2)

- **4.3 Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires**  
Pas d'autres informations importantes disponibles.

### RUBRIQUE 5: Mesures de lutte contre l'incendie

- **5.1 Moyens d'extinction**
- **Moyens d'extinction:** Adapter les mesures d'extinction d'incendie à l'environnement.
- **5.2 Dangers particuliers résultant de la substance ou du mélange**  
Pas d'autres informations importantes disponibles.
- **5.3 Conseils aux pompiers**
- **Équipement spécial de sécurité:** Porter un appareil de protection respiratoire.

### RUBRIQUE 6: Mesures à prendre en cas de dispersion accidentelle

- **6.1 Précautions individuelles, équipement de protection et procédures d'urgence**  
Porter un équipement de sécurité. Eloigner les personnes non protégées.
- **6.2 Précautions pour la protection de l'environnement:**  
Ne pas rejeter dans les canalisations, dans les eaux de surface et dans les nappes d'eau souterraines.
- **6.3 Méthodes et matériel de confinement et de nettoyage:**  
Recueillir les liquides à l'aide d'un produit absorbant (sable, kieselguhr, neutralisant d'acide, liant universel, sciure).  
Utiliser un neutralisant.  
Evacuer les matériaux contaminés en tant que déchets conformément au point 13.  
Assurer une aération suffisante.
- **6.4 Référence à d'autres rubriques**  
Afin d'obtenir des informations pour une manipulation sûre, consulter le chapitre 7.  
Afin d'obtenir des informations sur les équipements de protection personnels, consulter le chapitre 8.  
Afin d'obtenir des informations sur l'élimination, consulter le chapitre 13.

### RUBRIQUE 7: Manipulation et stockage

- **7.1 Précautions à prendre pour une manipulation sans danger**  
Veiller à une bonne ventilation/aspiration du poste de travail.  
Ouvrir et manipuler les récipients avec précaution.  
Eviter la formation d'aérosols.
- **Préventions des incendies et des explosions:** Tenir des appareils de protection respiratoire prêts.
- **7.2 Conditions d'un stockage sûr, y compris d'éventuelles incompatibilités**
- **Stockage:**
- **Exigences concernant les lieux et conteneurs de stockage:** Aucune exigence particulière.
- **Indications concernant le stockage commun:** Pas nécessaire.
- **Autres indications sur les conditions de stockage:** Tenir les emballages hermétiquement fermés.
- **7.3 Utilisation(s) finale(s) particulière(s)** Pas d'autres informations importantes disponibles.

### RUBRIQUE 8: Contrôles de l'exposition/protection individuelle

- **Indications complémentaires pour l'agencement des installations techniques:**  
Sans autre indication, voir point 7.

(suite page 4)

# Fiche de données de sécurité

## selon 1907/2006/CE, Article 31

Date d'impression : 14.07.2017

Révision: 14.07.2017

**Nom du produit: CMCP-9 LOW VISCOSITY MOUNTANT**

(suite de la page 3)

### · 8.1 Paramètres de contrôle

#### · Composants présentant des valeurs-seuil à surveiller par poste de travail:

##### 108-95-2 phénol

VME	Valeur momentanée: 15,6 mg/m <sup>3</sup> , 4 ppm
	Valeur à long terme: 7,8 mg/m <sup>3</sup> , 2 ppm
	M2, Risque de pénétration percutanée

#### · Remarques supplémentaires:

Le présent document s'appuie sur les listes en vigueur au moment de son élaboration.

### · 8.2 Contrôles de l'exposition

#### · Equipement de protection individuel:

#### · Mesures générales de protection et d'hygiène:

Tenir à l'écart des produits alimentaires, des boissons et de la nourriture pour animaux.

Retirer immédiatement les vêtements souillés ou humectés.

Se laver les mains avant les pauses et en fin de travail.

Conserver à part les vêtements de protection.

Eviter tout contact avec les yeux et avec la peau.

#### · Protection respiratoire:

En cas d'exposition faible ou de courte durée, utiliser un filtre respiratoire; en cas d'exposition intense ou durable, utiliser un appareil de respiration indépendant de l'air ambiant.

#### · Protection des mains:



Gants de protection

Le matériau des gants doit être imperméable et résistant au produit / à la substance / à la préparation.

À cause du manque de tests, aucune recommandation pour un matériau de gants pour le produit / la préparation / le mélange de produits chimiques ne peut être donnée.

Choix du matériau des gants en fonction des temps de pénétration, du taux de perméabilité et de la dégradation.

#### · Matériau des gants

Le choix de gants appropriés dépend non seulement du matériau, mais aussi d'autres critères de qualité qui peuvent varier d'un fabricant à l'autre. Puisque le produit représente une préparation composée de plusieurs substances, la résistance des matériaux des gants ne peut pas être calculée à l'avance et doit, alors, être contrôlée avant l'utilisation.

#### · Temps de pénétration du matériau des gants

Le temps de pénétration exact est à déterminer par le fabricant des gants de protection et à respecter.

#### · Protection des yeux:



Lunettes de protection hermétiques

## RUBRIQUE 9: Propriétés physiques et chimiques

### · 9.1 Informations sur les propriétés physiques et chimiques essentielles

#### · Indications générales

#### · Aspect:

Forme:

Liquide

Couleur:

Selon désignation produit

#### · Odeur:

Caractéristique

(suite page 5)

**Fiche de données de sécurité**  
selon 1907/2006/CE, Article 31

Date d'impression : 14.07.2017

Révision: 14.07.2017

Nom du produit: **CMCP-9 LOW VISCOSITY MOUNTANT**

(suite de la page 4)

· <b>Seuil olfactif:</b>	<i>Non déterminé.</i>
· <b>valeur du pH:</b>	<i>Non déterminé.</i>
· <b>Changement d'état</b> <b>Point de fusion/point de congélation:</b>	<i>Non déterminé.</i>
<b>Point initial d'ébullition et intervalle d'ébullition:</b>	<i>100 °C</i>
· <b>Point d'éclair</b>	<i>Non applicable.</i>
· <b>Inflammabilité (solide, gaz):</b>	<i>Non applicable.</i>
· <b>Température d'inflammation:</b>	<i>595 °C</i>
· <b>Température de décomposition:</b>	<i>Non déterminé.</i>
· <b>Température d'auto-inflammabilité:</b>	<i>Le produit ne s'enflamme pas spontanément.</i>
· <b>Propriétés explosives:</b>	<i>Le produit n'est pas explosif.</i>
· <b>Limites d'explosion:</b>	
<b>Inférieure:</b>	<i>1,3 Vol %</i>
<b>Supérieure:</b>	<i>9,5 Vol %</i>
· <b>Pression de vapeur à 20 °C:</b>	<i>23 hPa</i>
· <b>Densité:</b>	<i>Non déterminée.</i>
· <b>Densité relative</b>	<i>Non déterminé.</i>
· <b>Densité de vapeur:</b>	<i>Non déterminé.</i>
· <b>Taux d'évaporation:</b>	<i>Non déterminé.</i>
· <b>Solubilité dans/miscibilité avec l'eau:</b>	<i>Pas ou peu miscible</i>
· <b>Coefficient de partage: n-octanol/eau:</b>	<i>Non déterminé.</i>
· <b>Viscosité:</b>	
<b>Dynamique:</b>	<i>Non déterminé.</i>
<b>Cinématique:</b>	<i>Non déterminé.</i>
· <b>Teneur en solvants:</b>	
<b>Solvants organiques:</b>	<i>21,0 %</i>
<b>Eau:</b>	<i>53,0 %</i>
<b>VOC (CE)</b>	<i>21,00 %</i>
<b>Teneur en substances solides:</b>	<i>21,0 %</i>
· <b>9.2 Autres informations</b>	<i>Pas d'autres informations importantes disponibles.</i>

### **RUBRIQUE 10: Stabilité et réactivité**

- **10.1 Réactivité** *Pas d'autres informations importantes disponibles.*
- **10.2 Stabilité chimique**
- **Décomposition thermique/conditions à éviter:** *Pas de décomposition en cas d'usage conforme.*
- **10.3 Possibilité de réactions dangereuses** *Aucune réaction dangereuse connue.*
- **10.4 Conditions à éviter** *Pas d'autres informations importantes disponibles.*
- **10.5 Matières incompatibles:** *Pas d'autres informations importantes disponibles.*
- **10.6 Produits de décomposition dangereux:** *Pas de produits de décomposition dangereux connus*

FR

(suite page 6)



# Fiche de données de sécurité

## selon 1907/2006/CE, Article 31

Date d'impression : 14.07.2017

Révision: 14.07.2017

**Nom du produit: CMCP-9 LOW VISCOSITY MOUNTANT**

(suite de la page 5)

### RUBRIQUE 11: Informations toxicologiques

· **11.1 Informations sur les effets toxicologiques**

· **Toxicité aiguë**

Nocif en cas d'ingestion.

Toxique par inhalation.

· **Valeurs LD/LC50 déterminantes pour la classification:**

**108-95-2 phénol**

Oral	LD50	317 mg/kg (rat)
Dermique	LD50	850 mg/kg (lapin)

· **Effet primaire d'irritation:**

· **Corrosion cutanée/irritation cutanée**

Provoque des brûlures de la peau et des lésions oculaires graves.

· **Lésions oculaires graves/irritation oculaire**

Provoque des brûlures de la peau et des lésions oculaires graves.

· **Sensibilisation respiratoire ou cutanée**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

· **Effets CMR (cancérogène, mutagène et toxique pour la reproduction)**

· **Mutagenicité sur les cellules germinales**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

· **Cancérogénicité** Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

· **Toxicité pour la reproduction**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

· **Toxicité spécifique pour certains organes cibles - exposition unique**

Risque présumé d'effets graves pour les organes.

· **Toxicité spécifique pour certains organes cibles - exposition répétée**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

· **Danger par aspiration** Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

### RUBRIQUE 12: Informations écologiques

· **12.1 Toxicité**

· **Toxicité aquatique:** Pas d'autres informations importantes disponibles.

· **12.2 Persistance et dégradabilité** Pas d'autres informations importantes disponibles.

· **12.3 Potentiel de bioaccumulation** Pas d'autres informations importantes disponibles.

· **12.4 Mobilité dans le sol** Pas d'autres informations importantes disponibles.

· **Autres indications écologiques:**

· **Indications générales:**

Catégorie de pollution des eaux 2 (D) (Classification propre): polluant

Ne pas laisser pénétrer dans la nappe phréatique, les eaux ou les canalisations.

Ne doit pas pénétrer à l'état non dilué ou non neutralisé dans les eaux usées ou le collecteur.

Danger pour l'eau potable dès fuite d'une petite quantité dans le sous-sol.

· **12.5 Résultats des évaluations PBT et VPVB**

· **PBT:** Non applicable.

· **vPvB:** Non applicable.

· **12.6 Autres effets néfastes** Pas d'autres informations importantes disponibles.

FR

(suite page 7)

**Fiche de données de sécurité**  
selon 1907/2006/CE, Article 31

Date d'impression : 14.07.2017

Révision: 14.07.2017


Nom du produit: **CMCP-9 LOW VISCOSITY MOUNTANT**

(suite de la page 6)

### RUBRIQUE 13: Considérations relatives à l'élimination

- **13.1 Méthodes de traitement des déchets**
- **Recommandation:** Ne doit pas être évacué avec les ordures ménagères. Ne pas laisser pénétrer dans les égouts.
- **Emballages non nettoyés:**
- **Recommandation:** Evacuation conformément aux prescriptions légales.

### RUBRIQUE 14: Informations relatives au transport

· <b>14.1 Numéro ONU</b> · <b>ADR, IMDG, IATA</b>	UN2821
· <b>14.2 Désignation officielle de transport de l'ONU</b> · <b>ADR</b> · <b>IMDG, IATA</b>	2821 PHÉNOL EN SOLUTION PHENOL SOLUTION
· <b>14.3 Classe(s) de danger pour le transport</b> · <b>ADR, IMDG, IATA</b>	
	
· <b>Classe</b> · <b>Étiquette</b>	6.1 Matières toxiques. 6.1
· <b>14.4 Groupe d'emballage</b> · <b>ADR, IMDG, IATA</b>	II
· <b>14.5 Dangers pour l'environnement:</b>	Non applicable.
· <b>14.6 Précautions particulières à prendre par l'utilisateur</b> · <b>No EMS:</b>	Attention: Matières toxiques. F-A,S-A
· <b>14.7 Transport en vrac conformément à l'annexe II de la convention Marpol et au recueil IBC</b>	Non applicable.
· <b>Indications complémentaires de transport:</b>	
· <b>ADR</b> · <b>Quantités limitées (LQ)</b> · <b>Quantités exceptées (EQ)</b>	100 ml Code: E4 Quantité maximale nette par emballage intérieur: 1 ml Quantité maximale nette par emballage extérieur: 500 ml
· <b>"Règlement type" de l'ONU:</b>	UN 2821 PHÉNOL EN SOLUTION, 6.1, II

FR

(suite page 8)

# Fiche de données de sécurité

## selon 1907/2006/CE, Article 31

Date d'impression : 14.07.2017

Révision: 14.07.2017

**Nom du produit: CMCP-9 LOW VISCOSITY MOUNTANT**

(suite de la page 7)

### RUBRIQUE 15: Informations relatives à la réglementation

- **15.1 Réglementations/législation particulières à la substance ou au mélange en matière de sécurité, de santé et d'environnement**
- **Directive 2012/18/UE**
- **Substances dangereuses désignées - ANNEXE I** Aucun des composants n'est compris.
- **Catégorie SEVESO H2 TOXICITÉ AIGUË**
- **Quantité seuil (tonnes) pour l'application des exigences relatives au seuil bas 50 t**
- **Quantité seuil (tonnes) pour l'application des exigences relatives au seuil haut 200 t**
- **RÈGLEMENT (CE) N° 1907/2006 ANNEXE XVII** Conditions de limitation: 3
- **15.2 Évaluation de la sécurité chimique:** Une évaluation de la sécurité chimique n'a pas été réalisée.

### RUBRIQUE 16: Autres informations

*Ces indications sont fondées sur l'état actuel de nos connaissances, mais ne constituent pas une garantie quant aux propriétés du produit et ne donnent pas lieu à un rapport juridique contractuel.*

· **Phrases importantes**

H301 Toxique en cas d'ingestion.

H311 Toxique par contact cutané.

H314 Provoque des brûlures de la peau et des lésions oculaires graves.

H315 Provoque une irritation cutanée.

H319 Provoque une sévère irritation des yeux.

H331 Toxique par inhalation.

H335 Peut irriter les voies respiratoires.

H341 Susceptible d'induire des anomalies génétiques.

H373 Risque présumé d'effets graves pour les organes à la suite d'expositions répétées ou d'une exposition prolongée.

· **Acronymes et abréviations:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Toxicité aiguë – Catégorie 3

Acute Tox. 4: Toxicité aiguë – Catégorie 4

Skin Corr. 1B: Corrosion cutanée/irritation cutanée – Catégorie 1B

Skin Irrit. 2: Corrosion cutanée/irritation cutanée – Catégorie 2

Eye Irrit. 2: Lésions oculaires graves/irritation oculaire – Catégorie 2

Muta. 2: Mutagénicité sur les cellules germinales – Catégorie 2

STOT SE 2: Toxicité spécifique pour certains organes cibles (exposition unique) – Catégorie 2

STOT SE 3: Toxicité spécifique pour certains organes cibles (exposition unique) – Catégorie 3

STOT RE 2: Toxicité spécifique pour certains organes cibles (exposition répétée) – Catégorie 2

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.07.2017

Revision: 14.07.2017

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** CMCP-9 LOW VISCOSITY MOUNTANT
- **Article number:** 18003-01, 18003-05
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Laboratory chemicals
- **1.3 Details of the supplier of the safety data sheet**
- **Further information obtainable from:** Product safety department
- **1.4 Emergency telephone number:**  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS06 skull and crossbones

Acute Tox. 3 H331 Toxic if inhaled.



GHS08 health hazard

STOT SE 2 H371 May cause damage to organs.



GHS05 corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS05



GHS06



GHS08

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**  
*phenol*  
*Lactic acid*

(Contd. on page 2)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.07.2017

Revision: 14.07.2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 1)

· **Hazard statements**

- H302 Harmful if swallowed.  
 H331 Toxic if inhaled.  
 H314 Causes severe skin burns and eye damage.  
 H371 May cause damage to organs.

· **Precautionary statements**

- P303+P361+P353 **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+P351+P338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER/doctor.  
 P321 Specific treatment (see on this label).  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**





- **PBT:** Not applicable.  
 · **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 108-95-2 EINECS: 203-632-7	phenol  Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331;  Muta. 2, H341; STOT RE 2, H373;  Skin Corr. 1B, H314	10-25%
CAS: 598-82-3 EINECS: 209-954-4	Lactic acid  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-25%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information:**

- Immediately remove any clothing soiled by the product.  
 Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
 Remove breathing equipment only after contaminated clothing have been completely removed.  
 In case of irregular breathing or respiratory arrest provide artificial respiration.

· **After inhalation:**

- Supply fresh air or oxygen; call for doctor.  
 In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

- Do not induce vomiting; call for medical help immediately.  
 Drink plenty of water and provide fresh air. Call for a doctor immediately.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 3)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.07.2017

Revision: 14.07.2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 2)

- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

### **SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.

(Contd. on page 4)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.07.2017

Revision: 14.07.2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 3)

### · 8.1 Control parameters

#### · **Ingredients with limit values that require monitoring at the workplace:**

##### **108-95-2 phenol**

WEL	Short-term value: 16 mg/m <sup>3</sup> , 4 ppm
	Long-term value: 7.8 mg/m <sup>3</sup> , 2 ppm
Sk	

· **Additional information:** The lists valid during the making were used as basis.

### · 8.2 Exposure controls

#### · **Personal protective equipment:**

#### · **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

#### · **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

#### · **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### · **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### · **Eye protection:**



Tightly sealed goggles

## SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

#### · **General Information**

#### · **Appearance:**

**Form:** Fluid

**Colour:** According to product specification

· **Odour:** Characteristic

· **Odour threshold:** Not determined.

(Contd. on page 5)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.07.2017

Revision: 14.07.2017

Trade name: CMCP-9 LOW VISCOSITY MOUNTANT

(Contd. of page 4)

· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b>	
<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	100 °C
· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gas):</b>	Not applicable.
· <b>Ignition temperature:</b>	595 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	1.3 Vol %
<b>Upper:</b>	9.5 Vol %
· <b>Vapour pressure at 20 °C:</b>	23 hPa
· <b>Density:</b>	Not determined.
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	21.0 %
<b>Water:</b>	53.0 %
<b>VOC (EC)</b>	21.00 %
<b>Solids content:</b>	21.0 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

GB

(Contd. on page 6)



**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.07.2017

Revision: 14.07.2017

Trade name: CMCP-9 LOW VISCOSITY MOUNTANT

(Contd. of page 5)

### SECTION 11: Toxicological information

· **11.1 Information on toxicological effects**

- **Acute toxicity**  
Harmful if swallowed.  
Toxic if inhaled.

· **LD/LC50 values relevant for classification:**

**108-95-2 phenol**

Oral	LD50	317 mg/kg (rat)
Dermal	LD50	850 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes severe skin burns and eye damage.
- **Serious eye damage/irritation**  
Causes severe skin burns and eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause damage to organs.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Must not reach sewage water or drainage ditch undiluted or unneutralised.  
Danger to drinking water if even small quantities leak into the ground.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 7)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.07.2017


Revision: 14.07.2017

Trade name: CMCP-9 LOW VISCOSITY MOUNTANT

(Contd. of page 6)

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |   |  |
|---|--|
| · <b>14.1 UN-Number</b><br>· <b>ADR, IMDG, IATA</b>                                   | UN2821   |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR</b><br>· <b>IMDG, IATA</b>          | 2821 PHENOL SOLUTION<br>PHENOL SOLUTION  |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, IMDG, IATA</b>                  |  |
|      |  |
| · <b>Class</b><br>· <b>Label</b>  | 6.1 Toxic substances.<br>6.1   |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                               | II   |
| · <b>14.5 Environmental hazards:</b>  | Not applicable.  |
| · <b>14.6 Special precautions for user</b><br>· <b>EMS Number:</b>                    | Warning: Toxic substances.<br>F-A,S-A  |
| · <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>      | Not applicable.  |
| · <b>Transport/Additional information:</b>  |  |
| · <b>ADR</b><br>· <b>Limited quantities (LQ)</b><br>· <b>Excepted quantities (EQ)</b> | 100 ml<br>Code: E4<br>Maximum net quantity per inner packaging: 1 ml<br>Maximum net quantity per outer packaging: 500 ml |
| · <b>UN "Model Regulation":</b>   | UN 2821 PHENOL SOLUTION, 6.1, II   |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category H2 ACUTE TOXIC**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

(Contd. on page 8)

GB

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.07.2017

Revision: 14.07.2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 7)

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects.

H373 May cause damage to organs through prolonged or repeated exposure.

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Muta. 2: Germ cell mutagenicity – Category 2

STOT SE 2: Specific target organ toxicity (single exposure) – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

**Scheda di dati di sicurezza**  
ai sensi del regolamento 1907/2006/CE, Articolo 31

Stampato il: 14.07.2017

Revisione: 14.07.2017

### SEZIONE 1: Identificazione della sostanza o della miscela e della società/impresa

· **1.1 Identificatore del prodotto**

· **Denominazione commerciale:** CMCP-9 LOW VISCOSITY MOUNTANT

· **Articolo numero:** 18003-01, 18003-05

· **1.2 Usi identificati pertinenti della sostanza o della miscela e usi sconsigliati**  
Non sono disponibili altre informazioni.

· **Utilizzazione della Sostanza / del Preparato** Prodotti chimici per laboratorio

· **1.3 Informazioni sul fornitore della scheda di dati di sicurezza**

· **Produttore/fornitore:**

Societa Italiana Chimici  
Via Rio Nell Ellba 140  
00138 Rome, Italy  
Tel: 39 06 8800211  
Fax: 39 30 06 8815313  
Web: www.sichim.com

· **Informazioni fornite da:** Product safety department

· **1.4 Numero telefonico di emergenza:**

ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

### SEZIONE 2: Identificazione dei pericoli

· **2.1 Classificazione della sostanza o della miscela**

· **Classificazione secondo il regolamento (CE) n. 1272/2008**



GHS06 teschio e tibie incrociate

Acute Tox. 3 H331 Tossico se inalato.



GHS08 pericolo per la salute

STOT SE 2 H371 Può provocare danni agli organi.



GHS05 corrosione

Skin Corr. 1B H314 Provoca gravi ustioni cutanee e gravi lesioni oculari.



GHS07

Acute Tox. 4 H302 Nocivo se ingerito.

· **2.2 Elementi dell'etichetta**

· **Etichettatura secondo il regolamento (CE) n. 1272/2008**

Il prodotto è classificato ed etichettato conformemente al regolamento CLP.

(continua a pagina 2)

**Scheda di dati di sicurezza**  
ai sensi del regolamento 1907/2006/CE, Articolo 31

Stampato il: 14.07.2017

Revisione: 14.07.2017

Denominazione commerciale: **CMCP-9 LOW VISCOSITY MOUNTANT**

(Segue da pagina 1)

· **Pittogrammi di pericolo**

GHS05   GHS06   GHS08

· **Avvertenza Pericolo**· **Componenti pericolosi che ne determinano l'etichettatura:**

fenolo  
acido dl-lattico

· **Indicazioni di pericolo**

H302 Nocivo se ingerito.  
H331 Tossico se inalato.  
H314 Provoca gravi ustioni cutanee e gravi lesioni oculari.  
H371 Può provocare danni agli organi.

· **Consigli di prudenza**

P303+P361+P353 **IN CASO DI CONTATTO CON LA PELLE (o con i capelli):** togliere immediatamente tutti gli indumenti contaminati. Sciacquare la pelle/fare una doccia.  
P305+P351+P338 **IN CASO DI CONTATTO CON GLI OCCHI:** sciacquare accuratamente per parecchi minuti. Togliere le eventuali lenti a contatto se è agevole farlo. Continuare a sciacquare.  
P310 Contattare immediatamente un CENTRO ANTIVELENI/un medico.  
P321 Trattamento specifico (vedere su questa etichetta).  
P405 Conservare sotto chiave.  
P501 Smaltire il prodotto/recipiente in conformità con le disposizioni locali / regionali / nazionali / internazionali.

· **2.3 Altri pericoli**· **Risultati della valutazione PBT e vPvB**

- **PBT:** Non applicabile.
- **vPvB:** Non applicabile.

### SEZIONE 3: Composizione/informazioni sugli ingredienti

· **3.2 Caratteristiche chimiche: Miscela**· **Descrizione:** Miscela delle seguenti sostanze con additivi non pericolosi.· **Sostanze pericolose:**

CAS: 108-95-2 EINECS: 203-632-7	fenolo ☠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ☠ Muta. 2, H341; STOT RE 2, H373; ☠ Skin Corr. 1B, H314	10-25%
CAS: 598-82-3 EINECS: 209-954-4	acido dl-lattico ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	10-25%

· **Ulteriori indicazioni:** Il testo dell'avvertenza dei pericoli citati può essere appreso dal capitolo 16

### SEZIONE 4: Misure di primo soccorso

· **4.1 Descrizione delle misure di primo soccorso**· **Indicazioni generali:**

Allontanare immediatamente gli abiti contaminati dal prodotto.  
I sintomi di avvelenamento possono comparire dopo molte ore, per tale motivo è necessaria la sorveglianza di un medico nelle 48 ore successive all'incidente.  
Levarsi la maschera protettiva solamente dopo aver tolto gli abiti contaminati.

(continua a pagina 3)

**Scheda di dati di sicurezza**  
ai sensi del regolamento 1907/2006/CE, Articolo 31

Stampato il: 14.07.2017

Revisione: 14.07.2017

**Denominazione commerciale: CMCP-9 LOW VISCOSITY MOUNTANT**

(Segue da pagina 2)

*In caso di respirazione irregolare o di blocco respiratorio praticare la respirazione artificiale.*

**· Inalazione:**

*Portare il soggetto in zona ben areata o somministrare ossigeno; chiedere l'intervento di un medico.*

*Se il soggetto è svenuto provvedere a tenerlo durante il trasporto in posizione stabile su un fianco.*

**· Contatto con la pelle:** *Lavare immediatamente con acqua e sapone sciacquando accuratamente.*

**· Contatto con gli occhi:**

*Lavare con acqua corrente per diversi minuti tenendo le palpebre ben aperte e consultare il medico.*

**· Ingestione:**

*Non provocare il vomito, chiamare subito il medico.*

*Bere abbondante acqua e sostare in zona ben areata. Richiedere immediatamente l'intervento del medico.*

**· 4.2 Principali sintomi ed effetti, sia acuti che ritardati** *Non sono disponibili altre informazioni.*

**· 4.3 Indicazione dell'eventuale necessità di consultare immediatamente un medico e di trattamenti speciali**

*Non sono disponibili altre informazioni.*

### SEZIONE 5: Misure antincendio

**· 5.1 Mezzi di estinzione**

**· Mezzi di estinzione idonei:** *Adottare provvedimenti antiincendio nei dintorni della zona colpita.*

**· 5.2 Pericoli speciali derivanti dalla sostanza o dalla miscela** *Non sono disponibili altre informazioni.*

**· 5.3 Raccomandazioni per gli addetti all'estinzione degli incendi**

**· Mezzi protettivi specifici:** *Indossare il respiratore.*

### SEZIONE 6: Misure in caso di rilascio accidentale

**· 6.1 Precauzioni personali, dispositivi di protezione e procedure in caso di emergenza**

*Indossare equipaggiamento protettivo. Allontanare le persone non equipaggiate.*

**· 6.2 Precauzioni ambientali:** *Impedire infiltrazioni nella fognatura/nelle acque superficiali/nelle acque freatiche.*

**· 6.3 Metodi e materiali per il contenimento e per la bonifica:**

*Raccogliere il liquido con materiale assorbente (sabbia, tripoli, legante di acidi, legante universale, segatura).*

*Utilizzare mezzi di neutralizzazione.*

*Smaltimento del materiale contaminato conformemente al punto 13.*

*Provvedere ad una sufficiente areazione.*

**· 6.4 Riferimento ad altre sezioni**

*Per informazioni relative ad un manipolazione sicura, vedere capitolo 7.*

*Per informazioni relative all'equipaggiamento protettivo ad uso personale vedere Capitolo 8.*

*Per informazioni relative allo smaltimento vedere Capitolo 13.*

### SEZIONE 7: Manipolazione e immagazzinamento

**· 7.1 Precauzioni per la manipolazione sicura**

*Accurata ventilazione/aspirazione nei luoghi di lavoro.*

*Aprire e manipolare i recipienti con cautela.*

*Evitare la formazione di aerosol.*

**· Indicazioni in caso di incendio ed esplosione:** *Tener pronto il respiratore.*

**· 7.2 Condizioni per lo stoccaggio sicuro, comprese eventuali incompatibilità**

**· Stoccaggio:**

**· Requisiti dei magazzini e dei recipienti:** *Non sono richiesti requisiti particolari.*

**· Indicazioni sullo stoccaggio misto:** *Non necessario.*

**· Ulteriori indicazioni relative alle condizioni di immagazzinamento:** *Mantenere i recipienti ermeticamente chiusi.*

(continua a pagina 4)

**Scheda di dati di sicurezza**  
ai sensi del regolamento 1907/2006/CE, Articolo 31

Stampato il: 14.07.2017

Revisione: 14.07.2017

**Denominazione commerciale: CMCP-9 LOW VISCOSITY MOUNTANT**

(Segue da pagina 3)

· **7.3 Usi finali particolari** Non sono disponibili altre informazioni.

### SEZIONE 8: Controllo dell'esposizione/protezione individuale

· **Ulteriori indicazioni sulla struttura di impianti tecnici:** Nessun dato ulteriore, vedere punto 7.

#### · 8.1 Parametri di controllo

· **Componenti i cui valori limite devono essere tenuti sotto controllo negli ambienti di lavoro:**

##### 108-95-2 fenolo

TWA	Valore a lungo termine: 19,2 mg/m <sup>3</sup> , 5 ppm Cute, A4, IBE
VL	Valore a breve termine: 16 mg/m <sup>3</sup> , 4 ppm Valore a lungo termine: 8 mg/m <sup>3</sup> , 2 ppm pelle

· **Componenti con valori limite biologici:**

##### 108-95-2 fenolo

IBE	250 mg/g creatinina Campioni: urine Momento del prelievo: a fine turno Indicatore biologico: fenolo
-----	--

· **Ulteriori indicazioni:** Le liste valide alla data di compilazione sono state usate come base.

#### · 8.2 Controlli dell'esposizione

· **Mezzi protettivi individuali:**

· **Norme generali protettive e di igiene del lavoro:**

- Tenere lontano da cibo, bevande e foraggi.
- Togliere immediatamente gli abiti contaminati.
- Lavarsi le mani prima dell'intervallo o a lavoro terminato.
- Custodire separatamente l'equipaggiamento protettivo.
- Evitare il contatto con gli occhi e la pelle.

· **Maschera protettiva:**

Nelle esposizioni brevi e minime utilizzare la maschera; nelle esposizioni più intense e durature indossare l'autorespiratore.

· **Guanti protettivi:**



Guanti protettivi

Il materiale dei guanti deve essere impermeabile e stabile contro il prodotto/ la sostanza/ la formulazione.

A causa della mancanza di tests non può essere consigliato alcun tipo di materiale per i guanti con cui manipolare il prodotto / la formulazione / la miscela di sostanze chimiche.

Scelta del materiale dei guanti in considerazione dei tempi di passaggio, dei tassi di permeazione e della degradazione.

· **Materiale dei guanti**

La scelta dei guanti adatti non dipende soltanto dal materiale bensì anche da altre caratteristiche di qualità variabili da un produttore a un altro. Poiché il prodotto rappresenta una formulazione di più sostanze, la stabilità dei materiali dei guanti non è calcolabile in anticipo e deve essere testata prima dell'impiego

· **Tempo di permeazione del materiale dei guanti**

Richiedere dal fornitore dei guanti il tempo di passaggio preciso il quale deve essere rispettato.

(continua a pagina 5)

**Scheda di dati di sicurezza**  
ai sensi del regolamento 1907/2006/CE, Articolo 31

Stampato il: 14.07.2017

Revisione: 14.07.2017

**Denominazione commerciale: CMCP-9 LOW VISCOSITY MOUNTANT**

(Segue da pagina 4)

· **Occhiali protettivi:**

Occhiali protettivi a tenuta

### SEZIONE 9: Proprietà fisiche e chimiche

· **9.1 Informazioni sulle proprietà fisiche e chimiche fondamentali**· **Indicazioni generali**· **Aspetto:**  **Forma:**

Liquido

**Colore:**

In conformità con la denominazione del prodotto

· **Odore:**

Caratteristico

· **Soglia olfattiva:**

Non definito.

· **valori di pH:**

Non definito.

· **Cambiamento di stato**  **Punto di fusione/punto di congelamento:**

Non definito.

**Punto di ebollizione iniziale e intervallo di ebollizione:**

100 °C

· **Punto di infiammabilità:**

Non applicabile.

· **Infiammabilità (solidi, gas):**

Non applicabile.

· **Temperatura di accensione:**

595 °C

· **Temperatura di decomposizione:**

Non definito.

· **Temperatura di autoaccensione:**

Prodotto non autoinfiammabile.

· **Proprietà esplosive:**

Prodotto non esplosivo.

· **Limiti di infiammabilità:**  **Inferiore:**

1,3 Vol %

**Superiore:**

9,5 Vol %

· **Tensione di vapore a 20 °C:**

23 hPa

· **Densità:**

Non definito.

· **Densità relativa**

Non definito.

· **Densità di vapore:**

Non definito.

· **Velocità di evaporazione**

Non definito.

· **Solubilità in/Miscibilità con acqua:**

Poco e/o non miscibile.

· **Coefficiente di ripartizione: n-ottanolo/acqua:** Non definito.· **Viscosità:**  **Dinamica:**

Non definito.

**Cinematica:**

Non definito.

· **Tenore del solvente:**  **Solventi organici:**

21,0 %

**Acqua:**

53,0 %

**VOC (CE)**

21,00 %

(continua a pagina 6)



**Scheda di dati di sicurezza**  
ai sensi del regolamento 1907/2006/CE, Articolo 31

Stampato il: 14.07.2017

Revisione: 14.07.2017

**Denominazione commerciale: CMCP-9 LOW VISCOSITY MOUNTANT**

(Segue da pagina 5)

<b>Contenuto solido:</b>	21,0 %
<b>9.2 Altre informazioni</b>	Non sono disponibili altre informazioni.

### SEZIONE 10: Stabilità e reattività

- **10.1 Reattività** Non sono disponibili altre informazioni.
- **10.2 Stabilità chimica**
- **Decomposizione termica/ condizioni da evitare:** Il prodotto non si decompone se utilizzato secondo le norme.
- **10.3 Possibilità di reazioni pericolose** Non sono note reazioni pericolose.
- **10.4 Condizioni da evitare** Non sono disponibili altre informazioni.
- **10.5 Materiali incompatibili:** Non sono disponibili altre informazioni.
- **10.6 Prodotti di decomposizione pericolosi:** Non sono noti prodotti di decomposizione pericolosi.

### SEZIONE 11: Informazioni tossicologiche

- **11.1 Informazioni sugli effetti tossicologici**
- **Tossicità acuta**  
Nocivo se ingerito.  
Tossico se inalato.

- **Valori LD/LC50 rilevanti per la classificazione:**

#### 108-95-2 fenolo

Orale	LD50	317 mg/kg (rat)
Cutaneo	LD50	850 mg/kg (rabbit)

- **Irritabilità primaria:**
- **Corrosione/irritazione cutanea**  
Provoca gravi ustioni cutanee e gravi lesioni oculari.
- **Lesioni oculari gravi/irritazioni oculari gravi**  
Provoca gravi ustioni cutanee e gravi lesioni oculari.
- **Sensibilizzazione respiratoria o cutanea**  
Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
- **Effetti CMR (cancerogenicità, mutagenicità e tossicità per la riproduzione)**
- **Mutagenicità delle cellule germinali**  
Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
- **Cancerogenicità** Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
- **Tossicità per la riproduzione** Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
- **Tossicità specifica per organi bersaglio (STOT) - esposizione singola**  
Può provocare danni agli organi.
- **Tossicità specifica per organi bersaglio (STOT) - esposizione ripetuta**  
Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.
- **Pericolo in caso di aspirazione** Basandosi sui dati disponibili i criteri di classificazione non sono soddisfatti.

### SEZIONE 12: Informazioni ecologiche

- **12.1 Tossicità**
- **Tossicità acquatica:** Non sono disponibili altre informazioni.
- **12.2 Persistenza e degradabilità** Non sono disponibili altre informazioni.
- **12.3 Potenziale di bioaccumulo** Non sono disponibili altre informazioni.
- **12.4 Mobilità nel suolo** Non sono disponibili altre informazioni.

(continua a pagina 7)

**Scheda di dati di sicurezza**  
ai sensi del regolamento 1907/2006/CE, Articolo 31

Stampato il: 14.07.2017

Revisione: 14.07.2017

**Denominazione commerciale: CMCP-9 LOW VISCOSITY MOUNTANT**


(Segue da pagina 6)

- **Ulteriori indicazioni in materia ambientale:**
- **Ulteriori indicazioni:**  
Pericolosità per le acque classe 2 (D) (Autoclassificazione): pericoloso  
Non immettere nelle acque freatiche, nei corsi d'acqua o nelle fognature.  
Non immettere il prodotto non diluito o non neutralizzato nelle acque di scarico e nei canali di raccolta.  
Pericolo per le acque potabili anche in caso di perdite nel sottosuolo di piccole quantità di prodotto.
- **12.5 Risultati della valutazione PBT e vPvB**
- **PBT:** Non applicabile.
- **vPvB:** Non applicabile.
- **12.6 Altri effetti avversi** Non sono disponibili altre informazioni.

### SEZIONE 13: Considerazioni sullo smaltimento

- **13.1 Metodi di trattamento dei rifiuti**
- **Consigli:** Non smaltire il prodotto insieme ai rifiuti domestici Non immettere nelle fognature.
- **Imballaggi non puliti:**
- **Consigli:** Smaltimento in conformità con le disposizioni amministrative.

### SEZIONE 14: Informazioni sul trasporto

- |   |   |
|---|---|
| · <b>14.1 Numero ONU</b><br>· <b>ADR, IMDG, IATA</b>                                | UN2821                                      |
| · <b>14.2 Nome di spedizione dell'ONU</b><br>· <b>ADR</b><br>· <b>IMDG, IATA</b>    | 2821 FENOLO IN SOLUZIONE<br>PHENOL SOLUTION |
| · <b>14.3 Classi di pericolo connesso al trasporto</b><br>· <b>ADR, IMDG, IATA</b>  |   |
|  |   |
| · <b>Classe</b><br>· <b>Etichetta</b>   | 6.1 Materie tossiche<br>6.1                 |
| · <b>14.4 Gruppo di imballaggio</b><br>· <b>ADR, IMDG, IATA</b>                     | II  |
| · <b>14.5 Pericoli per l'ambiente:</b>  | Non applicabile.                            |
| · <b>14.6 Precauzioni speciali per gli utilizzatori</b><br>· <b>Numero EMS:</b>     | Attenzione: Materie tossiche<br>F-A,S-A     |
| · <b>14.7 Trasporto di rinfuse secondo l'allegato II di MARPOL ed il codice IBC</b> | Non applicabile.                            |
| · <b>Trasporto/ulteriori indicazioni:</b>   |   |
| · <b>ADR</b><br>· <b>Quantità limitate (LQ)</b>                                     | 100 ml                                      |

(continua a pagina 8)

**Scheda di dati di sicurezza**  
ai sensi del regolamento 1907/2006/CE, Articolo 31

Stampato il: 14.07.2017

Revisione: 14.07.2017

**Denominazione commerciale: CMCP-9 LOW VISCOSITY MOUNTANT**

(Segue da pagina 7)

· <b>Quantità esenti (EQ)</b>	Codice: E4 Quantità massima netta per imballaggio interno: 1 ml Quantità massima netta per imballaggio esterno: 500 ml
· <b>UN "Model Regulation":</b>	UN 2821 FENOLO IN SOLUZIONE, 6.1, II

### SEZIONE 15: Informazioni sulla regolamentazione

- **15.1 Disposizioni legislative e regolamentari su salute, sicurezza e ambiente specifiche per la sostanza o la miscela**
  - **Direttiva 2012/18/UE**
  - **Sostanze pericolose specificate - ALLEGATO I** Nessuno dei componenti è contenuto.
  - **Categoria Seveso H2 TOSSICITÀ ACUTA**
  - **Quantità limite (tonnellate) ai fini dell'applicazione dei requisiti di soglia inferiore 50 t**
  - **Quantità limite (tonnellate) ai fini dell'applicazione dei requisiti di soglia superiore 200 t**
  - **REGOLAMENTO (CE) n. 1907/2006 ALLEGATO XVII** Restrizioni: 3
  - **Disposizioni nazionali:**
  - **Istruzione tecnica aria:**
- | Classe | quota in % |
|--------|------------|
| NC     | 21,0       |
- **15.2 Valutazione della sicurezza chimica:** Una valutazione della sicurezza chimica non è stata effettuata.

### SEZIONE 16: Altre informazioni

I dati sono riportati sulla base delle nostre conoscenze attuali, non rappresentano tuttavia alcuna garanzia delle caratteristiche del prodotto e non motivano alcun rapporto giuridico contrattuale.

- **Fraasi rilevanti**
- H301 Tossico se ingerito.
- H311 Tossico per contatto con la pelle.
- H314 Provoca gravi ustioni cutanee e gravi lesioni oculari.
- H315 Provoca irritazione cutanea.
- H319 Provoca grave irritazione oculare.
- H331 Tossico se inalato.
- H335 Può irritare le vie respiratorie.
- H341 Sospettato di provocare alterazioni genetiche.
- H373 Può provocare danni agli organi in caso di esposizione prolungata o ripetuta.
- **Abbreviazioni e acronimi:**
- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Acute Tox. 3: Tossicità acuta – Categoria 3
- Acute Tox. 4: Tossicità acuta – Categoria 4
- Skin Corr. 1B: Corrosione/irritazione della pelle – Categoria 1B

(continua a pagina 9)

**Scheda di dati di sicurezza**  
**ai sensi del regolamento 1907/2006/CE, Articolo 31**

Stampato il: 14.07.2017

Revisione: 14.07.2017

**Denominazione commerciale: CMCP-9 LOW VISCOSITY MOUNTANT**

*Skin Irrit. 2: Corrosione/irritazione della pelle – Categoria 2*

*Eye Irrit. 2: Gravi lesioni oculari/irritazione oculare – Categoria 2*

*Muta. 2: Mutagenicità sulle cellule germinali – Categoria 2*

*STOT SE 2: Tossicità specifica per organi bersaglio (esposizione singola) – Categoria 2*

*STOT SE 3: Tossicità specifica per organi bersaglio (esposizione singola) – Categoria 3*

*STOT RE 2: Tossicità specifica per organi bersaglio (esposizione ripetuta) – Categoria 2*

(Segue da pagina 8)

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# 물질안전보건자료 GHS에 따라

기압점: 2017.07.14

개정: 2017.07.14

## 1 화학제품과 회사에 관한 정보

- 제품 식별자
- 제품명: **CMCP-9 LOW VISCOSITY MOUNTANT**
- 상품번호: 18003-01, 18003-05
- 해당 순물질이나 혼합물의 관련 하위용도 및 사용금지용도 추가적인 정보가 존재하지 않습니다.
- 제품의 권고 용도와 사용상의 제한: 실험실 화학품
- 안전데이터표(Safety Data Sheet)내 공급업체 관련 상세 정보
- 제조자/수입자/유통업자 정보:  
 Samchang Commercial Co., Ltd.  
 Yeo Eui Do  
 PO Box 1110  
 Seoul, Korea  
 Tel: 82 2 703 3040  
 Fax: 82 2 717 3298
- 추가적인 정보 획득 가능: Product safety department
- 비상연락 전화번호:  
 ChemTrec 1-800-424-9300 Contract CCN7661  
 1-703-527-3887

## 2 유해성·위험성

- 순물질 또는 혼합물의 분류



두개골과 대퇴골

급성 독성 - 흡입 - 구분 3

H331 흡입하면 유독함



건강에 위험

특정표적장기 독성 - 1회 노출 - 구분 2 H371 신체 중에 손상을 일으킬 수 있음



부식

피부 부식성/피부 자극성 - 구분 1

H314 피부에 심한 화상과 눈 손상을 일으킴



급성 독성 - 경구 - 구분 4

H302 삼키면 유해함

- 라벨표기 요소

- GHS 라벨 요소

본 제품은 화학물질의 분류 및 표기에 관한 국제조화시스템(GHS)에 따라 분류 및 표기되었습니다.

- 그림문자



GHS05



GHS06



GHS08

(2 쪽에 계속)

# 물질안전보건자료

## GHS에 따라

기압점: 2017.07.14

개정: 2017.07.14

**제품명: CMCP-9 LOW VISCOSITY MOUNTANT**

(1 쪽부터계속)

- **신호어 위험**
- **상표상에명확히위험성이표시된성분:**  
phenol
- **유해.위험 문구**  
삼키면 유해함  
흡입하면 유독함  
피부에 심한 화상과 눈 손상을 일으킴  
신체 중에 손상을 일으킬 수 있음
- **예방조치 문구**  
피부(또는 머리카락)에 묻으면 오염된 모든 의복은 벗으시오. 피부를 물로 씻으시오/샤워하시오.  
눈에 묻으면 몇 분간 물로 조심해서 씻으시오. 가능하면콘택트렌즈를 제거하시오. 계속 씻으시오.  
즉시 독성물질센터/병원 연락 필요.  
(라벨 참조) 처치를 하시오.  
잠금장치가 있는 저장장소에 저장하시오.  
현지/지역/국가/국제 규정에 따라서 내용물/용기 노출
- **기타 유해성**
- **PBT(잔류성, 생물농축성, 독성 물질) 및 vPvB(고 잔류성, 고 생물농축성 물질) 평가 결과**
- **PBT(잔류성, 생물농축성, 독성 물질):** 해당사항 없음.
- **vPvB(고 잔류성, 고 생물농축성 물질):** 해당사항 없음.

### 3 구성성분의 명칭 및 함유량

- **화학적 특성:** 혼합물
- **설명:** 무해한 첨가물이 함유된 아래에 열거된 물질로 만들어진 혼합물.

· **위험요소:**

108-95-2	phenol ⚠ 급성 독성 - 경구 - 구분 3, H301; 급성 독성 - 경피 - 구분 3, H311; 급성 독성 - 흡입 - 구분 3, H331; ⚠ 생식세포 변이원성 - 구분 2, H341; 특정표적장기 독성 - 반복 노출 - 구분 2, H373; ⚠ 피부 부식성/피부 자극성 - 구분 1, H314	10-25%
598-82-3	Lactic acid ⚠ 피부 부식성/피부 자극성 - 구분 2, H315; 심한 눈 손상성/눈 자극성 - 구분 2, H319; 특정표적장기 독성 - 1회 노출 - 구분 3, H335	10-25%

### 4 응급조치 요령

- **응급조치요령 내용**
- **일반적 정보:**  
이제품에 의해 오염된 의상은 즉시 제거한다.  
중독 증상은 몇 시간이 지난 뒤에 발생할 수 있다. 따라서 사고가 발생한 후에 적어도 48 시간동안은 의료진의 관찰을 받아야 한다.  
반드시 오염된 의상을 완전히 제거한 후에 호흡보호기를 떼어낸다.  
불규칙적인 호흡이나 호흡정지상태에서는 인공호흡을 실시한다.
- **흡입했을 때:**  
신선한 공기나 산소를 공급받고, 의료진의 도움을 구한다.  
환자가 의식을 잃었을 경우에는 안전한 자세에서 환자를 운반한다.
- **피부에 접촉했을 때:** 즉시물과비누로씻고잘행군다.
- **눈에 들어갔을 때:** 흐르는 물에 눈을 몇분동안 씻어내고나서, 의사와 상담한다
- **먹었을 때:**  
구토를 유발시키지 않는다. 즉시 의료진의 도움을 구한다.  
물을 충분히 마시고 신선한 공기를 쐬다. 즉시 의사의 도움을 구한다.

(3 쪽에계속)

# 물질안전보건자료

## GHS에 따라

기압점: 2017.07.14

개정: 2017.07.14

**제품명: CMCP-9 LOW VISCOSITY MOUNTANT**

(2 쪽부터계속)

- 기타 의사의 주의사항:
- 가장 중요한 급·만성 증상 및 영향 추가적인 정보가 존재하지 않습니다.
- 즉각적인 의료처치 및 특별치료가 필요함을 시사하는 징후 추가적인 정보가 존재하지 않습니다.

### 5 폭발·화재시 대처방법

- 소화제
- 적절한 소화제: 주 변 환 경에 맞는 화 재 진 화방법을 사용한다.
- 본 화학물질이나 혼합물에서 발생하는 특별 유해성 추가적인 정보가 존재하지 않습니다.
- 소방관에 대한 권고사항
- 화재 진압 시 착용할 보호구 및 예방조치: 호흡보호장비설치.

### 6 누출 사고 시 대처방법

- 개인적 예방조치, 보호장비 및 응급처치 절차 안 전장 비 착 용하고, 무 방 비 의 사 람 은 격 리 시킨다.
- 환경 관련 예방조치: 하수도망/해수면위의물/지하수로도달하지않게한다.
- 밀폐 및 정화 방법과 소재: 액체가 혼합된 물질(모래, 규조토, 산성결합물, 일반결합물, 톱밥)에 흡입되도록 한다. 중성제를사용한다. 항목 13에 따라 오염된 물질을 쓰레기로 처분한다. 충분한 환기가 되도록 한다.
- 타 섹션 참조  
안 전 관 리 에 대 한 정 보 는 제 7 장 을 참 고 하 시 오.  
개 인 보 호 장 비 에 대 한 정 보 는 제 8 장 을 참 고 하 시 오.  
쓰 레 기 처 리 에 대 한 정 보 는 제 13 장 을 참 고 하 시 오.

### 7 취급 및 저장방법

- 취급:
- 안전 취급을 위한 예방조치  
작업장에서는통풍이잘되고/습기제거가잘되게주의한다.  
조심스럽게용기를개봉하거나취급한다.  
연무질이형성되는것을피한다.
- 화재 및 폭발 사고 예방대책에 관한 정보: 호흡보호장비를항상비치한다.
- 혼합위험성 등 안전 저장 조건
- 보관:  
· 안전한 저장 방법: 특 별 한 요 구 사 항 이 없 음.  
· 하나의 공동 보관 시설에 대한 보관 관련 정보: 필 요 없 음  
· 보 관 조 건 에 관 한 추 가 적 인 정 보: 용 기 를 새 지 않 게 밀 폐 한 채 보 관 한 다.  
· 구 체 적 최 종 사 용 자 추 가 적 인 정 보 가 존 재 하 지 않 습 니 다.

### 8 누출방지 및 개인보호구

- 첨단시설 디자인에 대한 추가정보: 더 이 상 의 자 료 는 없 음. 항 목 7 을 참 고 하 시 오.

(4 쪽에계속)

# 물질안전보건자료

## GHS에 따라

기압점: 2017.07.14

개정: 2017.07.14

**제품명: CMCP-9 LOW VISCOSITY MOUNTANT**

(3 쪽부터계속)

**· 통제 변수**

**· 화학물질의 노출기준, 생물학적 노출기준 등:**

**108-95-2 phenol**

TLV (KR)	장기간의값: 19 mg/m <sup>3</sup> , 5 ppm Skin
IOELV (EU)	단기간의값: 16 mg/m <sup>3</sup> , 4 ppm 장기간의값: 8 mg/m <sup>3</sup> , 2 ppm Skin
PEL (US)	장기간의값: 19 mg/m <sup>3</sup> , 5 ppm Skin
REL (US)	장기간의값: 19 mg/m <sup>3</sup> , 5 ppm 최고노출기준: 60* mg/m <sup>3</sup> , 15.6* ppm *15-min; Skin
TLV (US)	장기간의값: 19 mg/m <sup>3</sup> , 5 ppm Skin; BEI

· **추가 정보:** 제 조 할 당 시 에 유 효 한 목 록 을 기 초 로 사 용 했 다.

**· 노출 통제**

**· 개인 보호구**

**· 일반적보호조치및위생조치:**

- 식료품, 음료수와 사료로부터 멀리 떨어져 두어 놓는다.
- 더러워지거나 음료수가 묻은 옷은 즉시 탈의한다.
- 휴식 전 이 나 작업이 끝날 때 마다 손 을 씻 는 다.
- 방호복은 따로 보관한다.
- 눈 과 피 부 와 의 접 촉 은 피 한 다.

**· 호흡기 보호:**

단 시간 또는 경 미 한 오 염 의 경 우 에 는 호 흡 여 과 기 를 사 용 한 다. 심 각 한 또 는 장 기 간 노 출 시 에 는 호 흡 보 호 장 비 를 사 용 한 다.

**· 손 보호:**



보호용 장갑

장갑재질은 제품 / 원료 / 조제를 통과시키지 않아야 하고, 내구성이 있어야 한다.  
테스트를 하지 않았기 때문에 제품 / 조제 / 화학 혼합물에 적합한 장갑재질에 대한 추천이 없다.  
투과 시간, 침투율과 저하를 고려해서 장갑 재료를 선택한다.

**· 장갑 의 재 료**

적합한 장갑의 선정은 재질 차이뿐만 아니라 품질 기준의 차이도 고려하여 이루어져야 하고 제조업종에 따라서도 다르게 선정되어야 한다. 제품은 다양한 재료로부터의 조제로 이루어지는 것이기 때문에, 장갑재질의 안정성은 사전에 예측되어질 수 있는 것이 아니고, 반드시 사용 전에 (그 안전성이) 체크되어야 한다.

· **장갑 재 료 의 투과 시 간** 정확한 관통 시간은 보호장갑 제조자에 의 하여 인 지 되 고, 준 수 되 어 야 한 다.

**· 눈 보호:**



확조이는 보안경

KR

(5 쪽에계속)



# 물질안전보건자료

## GHS에 따라

기압점: 2017.07.14

개정: 2017.07.14

**제품명: CMCP-9 LOW VISCOSITY MOUNTANT**

(4 쪽부터계속)

### 9 물리화학적 특성

· 기본 물리 및 화학적 특성에 대한 정보	
· 일반정보	
· 외형	
· 물리적 상태:	액체의
· 색:	제 품 표 시 에 따름
· 냄새:	특색있는
· 후각역치	알맞지않다.
· pH:	알맞지않다.
· 상태변화	
· 녹는점/어는점:	맞지않는
· 초기 끓는점과 끓는점 범위:	100 °C
· 인화점:	해당사항 없음.
· 인화성(고체, 기체):	해당사항 없음.
· 점화온도:	595 °C
· 분해 온도:	알맞지않다.
· 자기점화:	이제품은자연발화성이없다.
· 폭발위험:	이제품은폭발위험성이없다
· 인화 또는 폭발 범위의 상한/하한	
· 아래로:	1.3 Vol %
· 위로:	9.5 Vol %
· 증기압 의경우 20 °C:	23 hPa
· 밀도:	맞지않는다.
· 비중:	알맞지않다.
· 증기밀도:	알맞지않다.
· 증발 속도:	알맞지않다.
· 용해도:	
· 물:	각각의경우에따라서는거의혼합할수없는
· n 옥탄올/물 분배계수:	알맞지않다.
· 점도:	
· 역학성:	알맞지않다.
· 동점성:	알맞지않다.
· 용매내용물	
· 유기용매:	21.0 %
· 물:	53.0 %
· VOC (EU)	21.00 %
· 고체의 함량:	21.0 %
· 기타 정보	추가적인 정보가 존재하지 않습니다.

### 10 안정성 및 반응성

- 반응성 추가적인 정보가 존재하지 않습니다.
- 화학적 안정성
- 화학적 안정성 및 유해 반응의 가능성 / 피해야 할 조건: 규정에따라사용할경우해체는없다

(6 쪽에계속)

# 물질안전보건자료

## GHS에 따라

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**제품명: CMCP-9 LOW VISCOSITY MOUNTANT**

(5 쪽부터계속)

- **유해반응 가능성** 위험한반응으로는알려지지않았다.
- **피해야 할 조건** 추가적인 정보가 존재하지 않습니다.
- **혼합 금지 물질:** 추가적인 정보가 존재하지 않습니다.
- **유해분해물질:** 위험성있는분해물들은알려지지않았다.

### 11 독성에 관한 정보

- **독성학적 영향에 대한 정보**
- **급성 독성:**

· **LD/LC50-수치에 따른 분류:**

**108-95-2 phenol**

구강의 LD50 317 mg/kg (rat)

피부의 LD50 850 mg/kg (rabbit)

· **일차적 자극 효과:**

- **피부 부식성 또는 자극성:** 피부와점막에부식작용.
- **심한 눈 손상 또는 자극성:** 강한부식작용
- **감각화:** 민감한영향이없는것으로알려져있다.

· **추 가 적 인 독 성 에 관 한 정 보:**

이제품은유럽공동체의공동분류원칙의합법적인절차에근거하여최근에발효된원고에서아래위험들의사전준비에대하여제시하고있다.

독성의

부식작용의

자극적인

삼킬경우식도나위등의내장기관벽에상처를주는위험과 마찬가지로입주변이나구강에강한부식작용을한다

### 12 환경에 미치는 영향

· **독성**

- **수생독성:** 추가적인 정보가 존재하지 않습니다.
- **지속성 및 분해성** 추가적인 정보가 존재하지 않습니다.
- **환경 시스템에서의 행동:**
- **생물농축 잠재성** 추가적인 정보가 존재하지 않습니다.
- **토양내 이동성** 추가적인 정보가 존재하지 않습니다.

· **추가적인 생태학 정보:**

· **일반 특징:**

수질오염등급 2 (자체등급분류): 수질오염이된

지하수나, 하천으로또는하수도망에도달하지않게한다.

희석시키지않은채또는중화시키지않은채하수도나배수로에도달하지않게해야한다.

지하수로경미한양이유입되었을경우엔이미식수오염상태이다

· **PBT(잔류성, 생물농축성, 독성 물질) 및 vPvB(고 잔류성, 고 생물농축성 물질) 평가 결과**

· **PBT(잔류성, 생물농축성, 독성 물질):** 해당사항 없음.

· **vPvB(고 잔류성, 고 생물농축성 물질):** 해당사항 없음.

· **기타 부작용** 추가적인 정보가 존재하지 않습니다.

### 13 폐기시 주의사항

· **폐기물 처리 방법**

- **권고:** 생활쓰레기와함께처리되어서는안된다. 하수도망으로유입되어서는안된다.

(7 쪽에계속)

# 물질안전보건자료

## GHS에 따라

기압점: 2017.07.14


개정: 2017.07.14

**제품명: CMCP-9 LOW VISCOSITY MOUNTANT**

(6 쪽부터계속)

- 비위생적 포장:
- 권고: 당국의지침에입각한쓰레기처리.

### 14 운송에 필요한 정보

· 유엔 번호 · ADR, IMDG, IATA	UN2821
· UN 적정 선적명 · ADR · IMDG, IATA	2821 PHENOL SOLUTION PHENOL SOLUTION
· 교통 위험 클래스 · ADR, IMDG, IATA	
	
· 등급 · 위험물 라벨	6.1 독성물질 6.1
· 용기등급 · ADR, IMDG, IATA	II
· 환경적 유해물질:	해당사항 없음.
· 이용자 특별 예방조치 · EMS-번호:	경고: 독성물질 F-A,S-A
· MARPOL73/78(선박으로부터의 해양오염방지협약) 부속서2 및 IBC Code(국제선적화물코드)에 따른 벌크(bulk) 운송	해당사항 없음.
· 운 송/추가 정보:	
· ADR · 한정 수량 (LQ) · Excepted quantities (EQ)	100 ml Code: E4 Maximum net quantity per inner packaging: 1 ml Maximum net quantity per outer packaging: 500 ml
· UN "모범 규제":	UN 2821 PHENOL SOLUTION, 6.1, II

### 15 법적 규제현황

· 산업안전보건법에 의한 규제:

· 제조 등 금지물질:	어떠한내용물도목록화되어있지않다
· 허가대상물질:	어떠한내용물도목록화되어있지않다
· 관리대상유해물질:	108-95-2 phenol

(8 쪽에계속)

# 물질안전보건자료

## GHS에 따라

기압점: 2017.07.14

개정: 2017.07.14

**제품명: CMCP-9 LOW VISCOSITY MOUNTANT**

(7 쪽부터계속)

**· 해당 순물질 또는 혼합물에 대한 안전, 보건 및 환경 규제/법률**

**· Korean Existing Chemical Inventory**

108-95-2	phenol	KE-28209
598-82-3	Lactic acid	KE-20844
9002-89-5	POLYVINYL ALCOHOL	KE-29060
7732-18-5	Deionized Water, Reagent Grade A.C.S.	KE-35400

**· 화학물질관리법**

**· 사고대비물질**

108-95-2	phenol
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**· 금지물질**

어떠한내용물도목록화되어있지않다
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**· 제한물질**

어떠한내용물도목록화되어있지않다
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**· 유독물질**

108-95-2	phenol
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**· 허가물질**

108-95-2	phenol
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**· GHS 라벨 요소**

본 제품은 화학물질의 분류 및 표기에 관한 국제조화시스템(GHS)에 따라 분류 및 표기되었습니다.

**· 그림문자**



GHS05    GHS06    GHS08

**· 신호어 위험**

**· 상표상에명확히위험성이표시된성분:**

phenol

**· 유해.위험 문구**

- 삼키면 유해함
- 흡입하면 유독함
- 피부에 심한 화상과 눈 손상을 일으킴
- 신체 중에 손상을 일으킬 수 있음

**· 예방조치 문구**

피부(또는 머리카락)에 묻으면 오염된 모든 의복은 벗으시오. 피부를 물로 씻으시오/샤워하시오.  
 눈에 묻으면 몇 분간 물로 조심해서 씻으시오. 가능하면콘택트렌즈를 제거하시오. 계속 씻으시오.  
 즉시 독성물질센터/병원 연락 필요.

(라벨 참조) 처치를 하시오.

잠금장치가 있는 저장장소에 저장하시오.

현지/지역/국가/국제 규정에 따라서 내용물/용기 노출

**· 화학물질 안전성 평가: 화학물질 안전성 평가가 수행되지 않음**

### 16 그 밖의 참고사항

이보고는우리지식에대한오늘날의상태에대하여평가하고있다, 하지만이보고서는생산특성에관한보증은 기술하지않았으며계약적인법률관계에기반을두고있지도않다

**· 최초 작성일자: 2017.07.14**

(9 쪽에계속)

# 물질안전보건자료

## GHS에 따라

기압점: 2017.07.14

개정: 2017.07.14

**제품명: CMCP-9 LOW VISCOSITY MOUNTANT**

(8 쪽부터계속)

· **개정 횟수 및 최종 개정일자:** 1 / 2017.07.14· **약어와 두문자어:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

KR

# Helaian Data Keselamatan

## menurut P.U.(A) 310/2013

Tarikh cetak 14.07.2017

Disemak semula pada 14.07.2017

### 1 Pengenalan bahan kimia dan pembekal

- **Pengenal pasti produk**
- **Nama dagang:** CMCP-9 LOW VISCOSITY MOUNTANT
- **Nombor artikel:** 18003-01, 18003-05
- **Kegunaan yang disarankan bagi bahan dan sekatan penggunaan** Tiada maklumat lanjut yang diperoleh.
- **Penggunaan bahan/sediaan** Bahan kimia makmal
- **Perincian pembekal** risalah data keselamatan
- **Maklumat lanjut dapat diperoleh daripada:** Product safety department
- **Nombor telefon kecemasan:**  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

### 2 Pengenalan bahaya

- **Pengelasan bahan atau campuran**



Tengkorak dan tulang bersilang

Toks. Akut 3 H331 Toksik jika tersedut.



Bahaya kesihatan

STOT SE 2 H371 Boleh menyebabkan kerosakan organ.



Kakisan

Kks. Kulit 1B H314 Menyebabkan lecuran kulit dan kerosakan mata yang teruk.



Toks. Akut 4 H302 Memudaratkan jika tertelan.

- **Melabelkan unsur**
- **Unsur label GHS** Produk ini dikelaskan dan dilabelkan menurut Sistem Terharmoni Global (GHS).
- **Piktogram hazard**



GHS05



GHS06



GHS08

- **Perkataan isyarat** Bahaya
- **Komponen pelabelan yang menentukan bahaya:**  
Fenilalkohol
- **Pernyataan hazard**  
Memudaratkan jika tertelan.  
Toksik jika tersedut.  
Menyebabkan lecuran kulit dan kerosakan mata yang teruk.  
Boleh menyebabkan kerosakan organ.

(Bersambung ke halaman 2)

## Helaian Data Keselamatan menurut P.U.(A) 310/2013

Tarikh cetak 14.07.2017

Disemak semula pada 14.07.2017

**Nama dagang: CMCP-9 LOW VISCOSITY MOUNTANT**

(Sambungan halaman 1)

· **Pernyataan langkah perlindungan**

**JIKA TERKENA KULIT** (atau rambut): Segera tanggalkan/buka semua pakaian yang tercemar. Basuh kulit dengan air/pancuran air.

**JIKA TERKENA MATA:** Bilas berhati-hati dengan air selama beberapa minit. Tanggalkan kanta lekap, jika ada dan dapat dilakukan dengan mudah. Teruskan membilas.

Segera hubungi PUSAT RACUN/doktor.

Rawatan khas (lihat label ini).

Simpan di tempat berkunci.

Lupuskan kandungan/bekas menurut peraturan tempatan/wilayah/kebangsaan/antarabangsa.

· **Bahaya lain**

· **Keputusan penilaian PBT dan vPvB**

· **PBT:** Tidak berkenaan

· **vPvB:** Tidak berkenaan

### 3 Komposisi dan maklumat mengenai ramuan bahan kimia berbahaya

· **Ciri kimia: Campuran**

· **Keterangan:** Campuran bahan disenaraikan di bawah bersama dengan bahan tambah tidak berbahaya.

· **Komponen berbahaya :**

108-95-2	Fenilalkohol ☠ Toks. Akut 3, H301; Toks. Akut 3, H311; Toks. Akut 3, H331; ☠ Muta. 2, H341; STOT RE 2, H373; ☠ Kks. Kulit 1B, H314	10-25%
598-82-3	Lactic acid ☠ Kreng. Kulit 2, H315; Kreng. Mata 2, H319; STOT SE 3, H335	10-25%

### 4 Langkah-langkah pertolongan cemas

· **Keterangan langkah pertolongan cemas**

· **Maklumat am:**

Segera tanggalkan mana-mana pakaian yang terkena produk.

Gejala keracunan boleh berlaku selepas beberapa jam, maka rawatan perubatan hendaklah diberikan sekurang-kurangnya 48 jam selepas kemalangan.

Tanggalkan kelengkapan pernafasan hanya selepas pakaian yang tercemar telah ditanggalkan semuanya.

Berikan pernafasan bantuan jika pernafasan tidak tetap atau terhenti.

· **Jika tersedut:**

Berikan udara bersih atau oksigen, dapatkan rawatan doktor.

Jika mangsa tidak sedarkan diri, letakkan pesakit dengan stabil dalam kedudukan mengiring untuk diangkat.

· **Jika terkena kulit:** Segera basuh dengan air dan sabun serta bilas bersih-bersih.

· **Jika terkena mata:**

Bilas mata sambil membukanya di bawah air yang mengalir selama beberapa minit. Kemudian hubungi doktor.

· **Jika tertelan:**

Jangan paksa mangsa muntah, segera dapatkan bantuan perubatan.

Minum air yang banyak dan berikan udara bersih. Segera hubungi doktor.

· **Maklumat untuk doktor:**

· **Gejala dan kesan paling penting, akut dan lewat** Tiada maklumat lanjut yang diperoleh.

· **Arahan bagi apa-apa rawatan perubatan dan rawatan khas yang diperlukan**

Tiada maklumat lanjut yang diperoleh.

-MY-

(Bersambung ke halaman 3)

## Helaiian Data Keselamatan menurut P.U.(A) 310/2013

Tarikh cetak 14.07.2017

Disemak semula pada 14.07.2017

**Nama dagang: CMCP-9 LOW VISCOSITY MOUNTANT**

(Sambungan halaman 2)

### 5 Langkah-langkah pemadaman kebakaran

- **Bahan pemadam api**
- **Agen pemadam yang sesuai:** Gunakan kaedah pemadaman kebakaran yang sesuai dengan keadaan sekeliling.
- **Bahaya khusus yang timbul daripada bahan atau campuran** Tiada maklumat lanjut yang diperoleh.
- **Panduan kepada pemadam kebakaran**
- **Kelengkapan perlindungan:** Peralatan perlindungan pernafasan mulut.

### 6 Langkah-langkah pelepasan tidak sengaja

- **Langkah perlindungan diri, kelengkapan pelindung dan prosedur kecemasan**  
Pakai kelengkapan perlindungan. Jauhkan mereka yang tidak dilindungi dari kawasan tercemar.
- **Langkah perlindungan alam sekitar:** Jangan biarkannya memasuki pembentung/air permukaan atau tanah.
- **Kaedah dan bahan untuk pembendungan dan pembersihan:**  
Serap dengan bahan cecair pengikat (pasir, diatomit, pengikat asid, pengikat semesta, habuk papan)  
Gunakan agen penutralan.  
Lupuskan bahan tercemar sebagai sisa mengikut perkara 13.  
Pastikan pengalihudaraan mencukupi.
- **Rujukan ke bahagian lain**  
Lihat Bahagian 7 untuk maklumat pengendalian yang selamat.  
Lihat Bahagian 8 untuk maklumat kelengkapan perlindungan diri.  
Lihat Bahagian 13 untuk maklumat pelupusan.

### 7 Pengendalian dan penyimpanan

- **Pengendalian:**
- **Langkah perlindungan untuk pengendalian selamat**  
Pastikan pengalihudaraan/ekzos yang mencukupi di tempat kerja.  
Buka dan kendalikan bekas dengan cermat.  
Elakkan pembentukan aerosol.
- **Maklumat kebakaran dan perlindungan daripada letupan:** Pastikan alat perlindungan pernafasan sentiasa ada.
- **Keadaan untuk penyimpanan selamat, termasuk apa-apa ketakserasian**
- **Penyimpanan:**
- **Keperluan yang mesti dipenuhi oleh bilik stor dan ruang simpanan.** Tiada keperluan khusus.
- **Maklumat penyimpanan di dalam satu tempat penyimpanan yang biasa:** Tidak diperlukan.
- **Maklumat lanjut tentang syarat penyimpanan:** Pastikan bekas sentiasa bertutup rapat.
- **Kegunaan akhir yang khusus** Tiada maklumat lanjut yang diperoleh.

### 8 Kawalan pendedahan dan perlindungan diri

- **Maklumat tambahan tentang reka bentuk kemudahan teknikal:** Tiada maklumat lanjut, lihat perkara 7.
- **Parameter kawalan**

· **Ramuan dengan nilai had yang memerlukan pemantauan di tempat kerja:**

**108-95-2 Fenilalkohol**

PEL	Nilai jangka panjang: 19 mg/m <sup>3</sup> , 5 ppm (kulit)
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- **Maklumat tambahan:** Senarai yang sah semasa pembuatan digunakan sebagai asas.

(Bersambung ke halaman 4)



## Helaiian Data Keselamatan menurut P.U.(A) 310/2013

Tarikh cetak 14.07.2017

Disemak semula pada 14.07.2017

**Nama dagang: CMCP-9 LOW VISCOSITY MOUNTANT**

(Sambungan halaman 3)

- **Kawalan pendedahan**
- **Kelengkapan perlindungan diri:**
- **Langkah perlindungan dan kebersihan am:**  
 Jauhkan daripada makanan, minuman dan makanan haiwan.  
 Segera tanggalkan semua pakaian yang tercemar dan kotor.  
 Basuh tangan sebelum berhenti rehat dan apabila kerja selesai.  
 Simpan pakaian perlindungan secara berasingan.  
 Elakkan daripada terkena mata dan kulit.
- **Perlindungan pernafasan:**  
 Jika berlaku pendedahan sekejap atau sedikit pencemaran, gunakan alat penapis pernafasan. Jika berlaku pendedahan yang intensif atau berpanjangan, gunakan alat pernafasan perlindungan serba lengkap.
- **Perlindungan tangan:**



Sarung tangan pelindung.

Bahan sarung tangan hendaklah telus dan kalis terhadap produk/bahan/sediaan.  
 Oleh sebab tiada ujian yang dijalankan, maka tiada syor bagi bahan sarung tangan yang boleh diberikan untuk produk/sediaan/campuran kimia.

Pemilihan bahan sarung tangan berdasarkan waktu penembusan, kadar pembauran dan degradasi.

- **Bahan sarung tangan**  
 Pemilihan sarung tangan yang sesuai bukan hanya bergantung pada bahannya, tetapi juga tanda kualiti lainnya serta perbezaannya daripada satu pengeluar dengan pengeluar yang lain. Memandangkan produk merupakan suatu sediaan daripada beberapa bahan, ketahanan bahan sarung tangan tidak boleh dipastikan terlebih dahulu, oleh itu sarung tangan hendaklah diperiksa sebelum digunakan.
- **Jangka masa penyerapan bahan sarung tangan**  
 Waktu kemunculan yang tepat hendaklah diperoleh pengeluar sarung tangan pelindung dan hendaklah dipatuhi.
- **Perlindungan mata:**



Gogal bertutup rapat

### 9 Sifat fizikal dan kimia

- **Maklumat tentang ciri fizik dan kimia**

- **Maklumat Am**

- **Rupa:**

**Bentuk:**

Bendalir

**Warna:**

Mengikut spesifikasi produk

- **Bau:**

Ciri

- **Ambang bau**

Tidak ditentukan.

- **Nilai pH:**

Tidak ditentukan.

- **Perubahan pada keadaan**

**Takat lebur/takat beku**

Tidak ditentukan.

**Takat didih awal dan julat didih**

100 °C

- **Takat kilat:**

Tidak berkenaan

- **Kemudahbakaran (pepejal, gas)**

Tidak berkenaan

(Bersambung ke halaman 5)

## Helaiian Data Keselamatan menurut P.U.(A) 310/2013

Tarikh cetak 14.07.2017

Disemak semula pada 14.07.2017

**Nama dagang: CMCP-9 LOW VISCOSITY MOUNTANT**

(Sambungan halaman 4)

· <b>Suhu pencucuhan:</b>	595 °C
· <b>Suhu penguraian:</b>	Tidak ditentukan.
· <b>Suhu pengautocucuhan</b>	Produk tidak tercucuh sendiri
· <b>Bahaya letupan:</b>	Produk tidak ada bahaya letupan.
· <b>Had letupan :</b>	
<b>Bawah:</b>	1.3 Vol %
<b>Atas:</b>	9.5 Vol %
· <b>Tekanan wap pada 20 °C:</b>	23 hPa
· <b>Ketumpatan:</b>	Tidak ditentukan.
· <b>Ketumpatan bandingan</b>	Tidak ditentukan.
· <b>Ketumpatan wap</b>	Tidak ditentukan.
· <b>Kadar penyejatan</b>	Tidak ditentukan.
· <b>Keterlarutan dalam / Keterlarutcampuran dengan Air:</b>	Tidak terlarut campur atau sukar bercampur.
· <b>Pekali sekatan: n-oktanol/air</b>	Tidak ditentukan.
· <b>Kelikatan:</b>	
<b>Dinamik:</b>	Tidak ditentukan.
<b>Kinematik:</b>	Tidak ditentukan.
· <b>Kandungan pelarut:</b>	
<b>Pelarut organik:</b>	21.0 %
<b>Air:</b>	53.0 %
<b>Kandungan pepejal:</b>	21.0 %
· <b>Maklumat lain</b>	Tiada maklumat lanjut yang diperoleh.

### 10 Kestabilan dan kereaktifan

- **Kereaktifan** Tiada maklumat lanjut yang diperoleh.
- **Kestabilan kimia**
- **Penguraian termal/keadaan yang perlu dielakkan:** Tiada penguraian jika digunakan mengikut spesifikasi.
- **Kemungkinan tindak balas berbahaya** Tiada tindak balas berbahaya yang diketahui.
- **Keadaan yang perlu dielakkan** Tiada maklumat lanjut yang diperoleh.
- **Bahan tidak serasi:** Tiada maklumat lanjut yang diperoleh.
- **Produk penguraian yang berbahaya:** Tiada produk penguraian berbahaya yang diketahui.

### 11 Maklumat toksikologi

- **Maklumat tentang kesan toksikologi**
- **Ketoksikan akut:**

- **Nilai LD/LC50 yang berkaitan untuk pengelasan:**

#### 108-95-2 Fenilalkohol

Oral	LD50	317 mg/kg (rat)
Derma	LD50	850 mg/kg (rabbit)

- **Kesan kerengsaan primer:**
- **Kakisan atau kerengsaan kulit** Kesan kaustik pada kulit dan mukus membran.

(Bersambung ke halaman 6)

## Helaiian Data Keselamatan menurut P.U.(A) 310/2013

Tarikh cetak 14.07.2017

Disemak semula pada 14.07.2017

**Nama dagang: CMCP-9 LOW VISCOSITY MOUNTANT**

(Sambungan halaman 5)

- **Kerosakan atau kerengsaan mata yang serius** Kesan kaustik yang kuat.
- **Pemekaan pernafasan / kulit** Tiada kesan pemekaan yang diketahui.
- **Maklumat tambahan toksikologi:**  
 Produk menunjukkan bahaya berikut mengikut kaedah pengiraan Garis Panduan Pengelasan Am EU bagi Sediaan seperti yang dikeluarkan dalam versi terbaru:  
 Toksik  
 Mengakis  
 Perengsa  
 Tertelan akan menyebabkan kesan kaustik yang kuat pada mulut dan tekak serta bahaya perliangan esofagus dan perut.

### 12 Maklumat ekologi

- **Ketoksikan**
- **Ketoksikan akuatik:** Tiadak maklumat lanjut yang diperoleh.
- **Keterusan dan keterdegradasikan** Tiadak maklumat lanjut yang diperoleh.
- **Kelakuan dalam sistem alam sekitar:**
- **Potensi bioakumulatif** Tiadak maklumat lanjut yang diperoleh.
- **Mobiliiti di dalam tanah** Tiadak maklumat lanjut yang diperoleh.
- **Maklumat tambahan ekologi:**
- **Nota am:**  
 Bahaya air kelas 2 (Peraturan Jerman) (Penilaian sendiri): berbahaya kepada air  
 Jangan biarkan produk memasuki air tanah, saluran air atau sistem pembetulan.  
 Tidak boleh memasuki air pembetulan atau parit saluran tanpa dicairkan atau dineutralkan.  
 Bahaya kepada air minuman walaupun amat sedikit produk memasuki tanah.
- **Keputusan penilaian PBT dan vPvB**
- **PBT:** Tidak berkenaan
- **vPvB:** Tidak berkenaan
- **Kesan buruk yang lain** Tiadak maklumat lanjut yang diperoleh.

### 13 Maklumat pelupusan

- **Kaedah rawatan sisa**
- **Syor:**  
 Tidak boleh dilupuskan bersama dengan sampah isi rumah. Jangan biarkan produk memasuki sistem pembetulan.
- **Pembungkusan yang tidak bersih:**
- **Syor:** Pelupusan mestilah dijalankan menurut peraturan rasmi

### 14 Maklumat pengangkutan

- |  |                      |
|--|----------------------|
| · <b>Nombor UN</b>                       |                      |
| · <b>ADR, IMDG, IATA</b>                 | UN2821               |
| · <b>Nama penghantaran UN yang betul</b> |                      |
| · <b>ADR</b>                             | 2821 PHENOL SOLUTION |
| · <b>IMDG, IATA</b>                      | PHENOL SOLUTION      |

(Bersambung ke halaman 7)

MY

## Helaian Data Keselamatan menurut P.U.(A) 310/2013

Tarikh cetak 14.07.2017

Disemak semula pada 14.07.2017

**Nama dagang: CMCP-9 LOW VISCOSITY MOUNTANT**

(Sambungan halaman 6)

· **pengangkutan kelas bahaya**

· **ADR, IMDG, IATA**



· **Kelas**

6.1 Bahan toksik.

· **Label**

6.1

· **Kumpulan pembungkusan**

· **ADR, IMDG, IATA**

II

· **Hazard persekitaran:**

Tidak berkenaan

· **Langkah perlindungan khas untuk pengguna**

Amaran: Bahan toksik.

· **Nombor EMS:**

F-A,S-A

· **Pengangkutan dalam pukal menurut Lampiran II  
MARPOL73/78 dan Kod IBC**

Tidak berkenaan

· **Pengangkutan/Maklumat Tambahan:**

· **ADR**

· **Excepted quantities (EQ)**

Code: E4

Maximum net quantity per inner packaging: 1 ml

Maximum net quantity per outer packaging: 500 ml

· **"Peraturan Model" UN:**

UN 2821 PHENOL SOLUTION, 6.1, II

### 15 Maklumat pengawalseliaan

· **Peraturan/undang-undang keselamatan, kesihatan dan persekitaran khusus untuk bahan atau campuran tersebut**

· **Unsur label GHS** Produk ini dikelaskan dan dilabelkan menurut Sistem Terharmoni Global (GHS).

· **Piktogram hazard**



GHS05

GHS06

GHS08

· **Perkataan isyarat Bahaya**

· **Komponen pelabelan yang menentukan bahaya:**

Fenilalkohol

· **Pernyataan hazard**

Memudaratkan jika tertelan.

Toksik jika tertedut.

Menyebabkan lecuran kulit dan kerosakan mata yang teruk.

Boleh menyebabkan kerosakan organ.

· **Pernyataan langkah perlindungan**

**JIKA TERKENA KULIT (atau rambut):** Segera tanggalkan/buka semua pakaian yang tercemar. Basuh kulit dengan air/pancuran air.

**JIKA TERKENA MATA:** Bilas berhati-hati dengan air selama beberapa minit. Tanggalkan kanta lekap, jika ada dan dapat dilakukan dengan mudah. Teruskan membilas.

(Bersambung ke halaman 8)

## Helaiian Data Keselamatan menurut P.U.(A) 310/2013

Tarikh cetak 14.07.2017

Disemak semula pada 14.07.2017

**Nama dagang: CMCP-9 LOW VISCOSITY MOUNTANT**

(Sambungan halaman 7)

Segera hubungi PUSAT RACUN/doktor.  
 Rawatan khas (lihat label ini).  
 Simpan di tempat berkunci.  
 Lupuskan kandungan/bekas menurut peraturan tempatan/wilayah/kebangsaan/antarabangsa.  
 • **Penilaian keselamatan bahan kimia:** Penilaian Keselamatan Bahan Kimia belum dilakukan.

### 16 Maklumat lain

Maklumat ini berdasarkan maklumat kami yang terkini. Walau bagaimanapun, ini tidak akan menjadi jaminan bagi apa-apa ciri produk yang khusus dan tidak akan mewujudkan hubungan kontraktual yang sah dari segi undang-undang.

• **Singkatan dan akronim:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Toks. Akut 3: Ketoksikan akut – Kategori 3

Toks. Akut 4: Ketoksikan akut – Kategori 4

Kks. Kulit 1B: Kakisan atau kerengsaan kulit – Kategori 1B

Kreng. Kulit 2: Kakisan atau kerengsaan kulit – Kategori 2

Kreng. Mata 2: Kerosakan mata atau kerengsaan mata yang serius – Kategori 2

Muta. 2: Kemutagenan sel germa – Kategori 2

STOT SE 2: Ketoksikan organ sasaran khusus (pendedahan tunggal) – Kategori 2

STOT SE 3: Ketoksikan organ sasaran khusus (pendedahan tunggal) – Kategori 3

STOT RE 2: Ketoksikan organ sasaran khusus (pendedahan berulang) – Kategori 2

# Veiligheidsinformatieblad

volgens 1907/2006/EG, Artikel 31

datum van de druk: 14.07.2017

Herziening van: 14.07.2017

## RUBRIEK 1: Identificatie van de stof of het mengsel en van de vennootschap/onderneming

- **1.1 Productidentificatie**
- **Handelsnaam:** CMCP-9 LOW VISCOSITY MOUNTANT
- **Artikelnummer:** 18003-01, 18003-05
- **1.2 Relevant geïdentificeerd gebruik van de stof of het mengsel en ontraden gebruik**  
Geen verdere relevante informatie verkrijgbaar.
- **Toepassing van de stof / van de bereiding** Laboratoriumchemicaliën
- **1.3 Details betreffende de verstrekker van het veiligheidsinformatieblad**
- **Fabrikant/leverancier:**  
Aurion  
Binnenhaven 5  
6709 PD Wageningen  
The Netherlands  
Tel: 31 317 415094  
Fax: 31 317 415955  
email: info@aurion.nl
- **Inlichtingengevende sector:** Product safety department
- **1.4 Telefoonnummer voor noodgevallen:**  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

## RUBRIEK 2: Identificatie van de gevaren

- **2.1 Indeling van de stof of het mengsel**
- **Indeling overeenkomstig Verordening (EG) nr. 1272/2008**



GHS06 doodshoofd met gekruiste beenderen

Acute Tox. 3 H331 Giftig bij inademing.



GHS08 gezondheidsgevaar

STOT SE 2 H371 Kan schade aan organen veroorzaken.



GHS05 corrosie

Skin Corr. 1B H314 Veroorzaakt ernstige brandwonden en oogletsel.



GHS07

Acute Tox. 4 H302 Schadelijk bij inslikken.

- **2.2 Etiketteringselementen**
- **Etikettering overeenkomstig Verordening (EG) nr. 1272/2008**  
Het product is geclassificeerd en geëtiketteerd volgens de CLP-verordening.

(Vervolg op blz. 2)

# Veiligheidsinformatieblad

volgens 1907/2006/EG, Artikel 31

datum van de druk: 14.07.2017

Herziening van: 14.07.2017

**Handelsnaam: CMCP-9 LOW VISCOSITY MOUNTANT**

(Vervolg van blz. 1)

**· Gevarenpictogrammen**


GHS05 GHS06 GHS08

**· Signaalwoord** Gevaar

**· Gevaaraanduidende componenten voor de etikettering:**

fenol  
dl-melkzuur

**· Gevarenaanduidingen**

H302 Schadelijk bij inslikken.  
H331 Giftig bij inademing.  
H314 Veroorzaakt ernstige brandwonden en oogletsel.  
H371 Kan schade aan organen veroorzaken.

**· Veiligheidsaanbevelingen**

P303+P361+P353 BIJ CONTACT MET DE HUID (of het haar): verontreinigde kleding onmiddellijk uittrekken.  
Huid met water afspoelen/afdouchen.  
P305+P351+P338 BIJ CONTACT MET DE OGEN: voorzichtig afspoelen met water gedurende een aantal minuten; contactlenzen verwijderen, indien mogelijk; blijven spoelen.  
P310 Onmiddellijk een ANTIGIFCENTRUM/arts raadplegen.  
P321 Specifieke behandeling vereist (zie op dit etiket).  
P405 Achter slot bewaren.  
P501 De inhoud en de verpakking verwerken volgens de plaatselijke/regionale/nationale/internationale voorschriften.

**· 2.3 Andere gevaren**
**· Resultaten van PBT- en zPzB-beoordeling**

· **PBT:** Niet bruikbaar.  
· **zPzB:** Niet bruikbaar.

## RUBRIEK 3: Samenstelling en informatie over de bestanddelen

**· 3.2 Chemische karakterisering: Mengsels**

· **Beschrijving:** Mengsel van na elkaar aangevoerde stoffen met ongevaarlijke bijmengingen.

**· Gevaarlijke inhoudstoffen:**

CAS: 108-95-2	fenol	10-25%
EINECS: 203-632-7	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331;  Muta. 2, H341; STOT RE 2, H373;  Skin Corr. 1B, H314	
CAS: 598-82-3	dl-melkzuur	10-25%
EINECS: 209-954-4	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	

**· Aanvullende gegevens:**

De woordelijke inhoud van de opgegeven aanwijzingen inzake de mogelijke gevaren is te vinden in hoofdstuk 16.

## RUBRIEK 4: Eerstehulpmaatregelen

**· 4.1 Beschrijving van de eerstehulpmaatregelen**
**· Algemene informatie:**

Verontreinigde kleding onmiddellijk uittrekken.

Het is mogelijk dat vergiftigingssymptomen pas na vele uren optreden. Om deze reden is medische controle gedurende minstens 48 uur na een ongeval noodzakelijk.

(Vervolg op blz. 3)

# Veiligheidsinformatieblad

## volgens 1907/2006/EG, Artikel 31

datum van de druk: 14.07.2017

Herziening van: 14.07.2017

**Handelsnaam: CMCP-9 LOW VISCOSITY MOUNTANT**

(Vervolg van blz. 2)

- Ademhalingstoestel pas afnemen nadat de verontreinigde kleding verwijderd is.  
 Bij onregelmatige ademhaling of ademstilstand kunstmatige ademhaling toepassen.
- **Na het inademen:**  
 Verse lucht of zuurstof toedienen; deskundige medische hulp invoeren.  
 Bij bewusteloosheid ligging en vervoer in stabiele zijligging.
  - **Na huidcontact:** Onmiddellijk met water en zeep afwassen en goed naspoelen.
  - **Na oogcontact:** Ogen met open ooglid een aantal minuten onder stromend water afspoelen en dokter raadplegen.
  - **Na inslikken:**  
 Geen braken teweegbrengen en onmiddellijk medische hulp raadplegen.  
 Drink zeer veel water en voer verse lucht aan. Onmiddellijk een dokter waarschuwen.
  - **4.2 Belangrijkste acute en uitgestelde symptomen en effecten** Geen verdere relevante informatie verkrijgbaar.
  - **4.3 Vermelding van de vereiste onmiddellijke medische verzorging en speciale behandeling**  
 Geen verdere relevante informatie verkrijgbaar.

### RUBRIEK 5: Brandbestrijdingsmaatregelen

- **5.1 Blusmiddelen**
- **Geschikte blusmiddelen:** Brandblusmaatregelen op omgeving afstemmen.
- **5.2 Speciale gevaren die door de stof of het mengsel worden veroorzaakt**  
 Geen verdere relevante informatie verkrijgbaar.
- **5.3 Advies voor brandweerlieden**
- **Speciale beschermende kleding:** Ademhalingstoestel aantrekken.

### RUBRIEK 6: Maatregelen bij het accidenteel vrijkomen van de stof of het mengsel

- **6.1 Persoonlijke voorzorgsmaatregelen, beschermde uitrusting en noodprocedures**  
 Beschermende kleding aantrekken. Niet beschermde personen op afstand houden.
- **6.2 Milieuvorzorgsmaatregelen:** Niet in de riolering/het oppervlaktewater/het grondwater laten terechtkomen.
- **6.3 InsluTINGS- en reinigingsmethoden en -materiaal:**  
 Met vloeistofbindend materiaal (zand, bergmeel, zuurbinder, universele binder, zaagmeel) opnemen.  
 Neutralisatiemiddel gebruiken.  
 Besmet materiaal zoals afval volgens punt 13 verwijderen.  
 Voor voldoende ventilatie zorgen.
- **6.4 Verwijzing naar andere rubrieken**  
 Informatie inzake veilig gebruik - zie hoofdstuk 7.  
 Informatie inzake persoonlijke beschermingsuitrusting - zie hoofdstuk 8.  
 Informatie inzake berging - zie hoofdstuk 13.

### RUBRIEK 7: Hantering en opslag

- **7.1 Voorzorgsmaatregelen voor het veilig hanteren van de stof of het mengsel**  
 Voor goede ventilatie/afzuiging op de werkplaatsen zorgen.  
 Tanks voorzichtig openen en behandelen.  
 Aërosolvorming vermijden.
- **Informatie m.b.t. brand- en ontploffingsgevaar:** Ademhalingstoestellen gereedhouden.
- **7.2 Voorwaarden voor een veilige opslag, met inbegrip van incompatibele producten**
- **Opslag:**
- **Eisen ten opzichte van opslagruimte en tanks:** Geen bijzondere eisen.
- **Informatie m.b.t. gezamenlijke opslag:** Niet noodzakelijk.
- **Verdere inlichtingen over eisen m.b.t. de opslag:** Tanks ondoordringbaar gesloten houden.

(Vervolg op blz. 4)



# Veiligheidsinformatieblad

## volgens 1907/2006/EG, Artikel 31

datum van de druk: 14.07.2017

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(Vervolg van blz. 3)

· **7.3 Specifiek eindgebruik** Geen verdere relevante informatie verkrijgbaar.

### RUBRIEK 8: Maatregelen ter beheersing van blootstelling/persoonlijke bescherming

· **Aanvullende gegevens m.b.t. de inrichting van technische installaties:** Geen aanvullende gegevens. Zie 7.

· **8.1 Controleparameters**

· **Bestanddelen met grenswaarden die m.b.t. de werkruimte in acht genomen moeten worden:**

**108-95-2 fenol**

WGW | Lange termijn waarde: 8 mg/m<sup>3</sup>, 2 ppm

· **Aanvullende gegevens:** Als basis dienden lijsten die bij opstelling geldig waren.

· **8.2 Maatregelen ter beheersing van blootstelling**

· **Persoonlijke beschermingsvoorzieningen:**

· **Algemene beschermings- en gezondheidsmaatregelen:**

Verwijderd houden van eet- en drinkwaren.

Verontreinigde kleding onmiddellijk uittrekken.

Vóór de pauze en aan het einde van werktijd handen wassen.

Beschermende kleding afzonderlijk bewaren.

Aanraking met de ogen en de huid vermijden.

· **Ademhalingsbescherming:**

Bij korte of geringe belasting ademfiltertoestel; bij intensieve resp. langdurige expositie een van de omringende lucht onafhankelijk ademhalingsstoestel gebruiken.

· **Handbescherming:**



Veiligheidshandschoenen

Het handschoenmateriaal moet ondoorlatend en bestand zijn tegen het product / de stof / de bereiding.

Op grond van falende testen kan geen aanbeveling voor handschoenmateriaal voor het product / de bereiding / het chemicaliënmengsel afgegeven worden.

Kies handschoenmateriaal rekening houdend met de penetratietijden, de permeatiegraden en de degradatie.

· **Handschoenmateriaal**

De keuze van een geschikte handschoen is niet alleen afhankelijk van het materiaal, maar ook van andere kwaliteitskenmerken en verschilt van fabrikant tot fabrikant. Aangezien het product uit meerdere stoffen is samengesteld, is de duurzaamheid van de handschoenmaterialen niet vooraf berekenbaar en moet derhalve vóór het gebruik worden getest.

· **Doordringingstijd van het handschoenmateriaal**

De precieze penetratietijd kunt u te weten komen bij de handschoenfabrikant; houd er rekening mee.

· **Oogbescherming:**



Nauw aansluitende veiligheidsbril

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(Vervolg op blz. 5)

# Veiligheidsinformatieblad

## volgens 1907/2006/EG, Artikel 31

datum van de druk: 14.07.2017

Herziening van: 14.07.2017

Handelsnaam: CMCP-9 LOW VISCOSITY MOUNTANT

(Vervolg van blz. 4)

### RUBRIEK 9: Fysische en chemische eigenschappen

#### · 9.1 Informatie over fysische en chemische basiseigenschappen

##### · Algemene gegevens

##### · Voorkomen:

Vorm:	Vloeibaar
Kleur:	Volgens de produktbeschrijving
Geur:	Karakteristiek
Geurdrempelwaarde:	Niet bepaald.

· pH-waarde: Niet bepaald.

##### · Toestandsverandering

Smelt-/vriespunt:	Niet bepaald.
Beginkookpunt en kooktraject:	100 °C

· Vlampunt: Niet bruikbaar.

· Ontvlambaarheid (vast, gas): Niet bruikbaar.

· Ontstekingstemperatuur: 595 °C

· Ontledingstemperatuur: Niet bepaald.

· Zelfontbrandingstemperatuur: Het produkt ontbrandt niet uit zichzelf.

· Ontploffingseigenschappen: Het produkt is niet ontploffingsgevaarlijk.

##### · Ontploffingsgrenzen:

Onderste:	1,3 Vol %
Bovenste:	9,5 Vol %

· Dampspanning bij 20 °C: 23 hPa

· Dichtheid: Niet bepaald.

· Relatieve dichtheid: Niet bepaald.

· Dampdichtheid: Niet bepaald.

· Verdampingssnelheid: Niet bepaald.

##### · Oplosbaarheid in/mengbaarheid met

Water: Niet resp. gering mengbaar.

· Verdelingscoëfficiënt: n-octanol/water: Niet bepaald.

##### · Viscositeit

Dynamisch:	Niet bepaald.
Kinematisch:	Niet bepaald.

##### · Oplosmiddelgehalte:

Organisch oplosmiddel:	21,0 %
Water:	53,0 %
VOC (EG)	21,00 %

Gehalte aan vaste bestanddelen: 21,0 %

· 9.2 Overige informatie: Geen verdere relevante informatie verkrijgbaar.

### RUBRIEK 10: Stabiliteit en reactiviteit

· 10.1 Reactiviteit: Geen verdere relevante informatie verkrijgbaar.

· 10.2 Chemische stabiliteit

· Thermische afbraak / te vermijden omstandigheden: Geen afbraak bij gebruik volgens voorschrift.

(Vervolg op blz. 6)

# Veiligheidsinformatieblad

## volgens 1907/2006/EG, Artikel 31

datum van de druk: 14.07.2017

Herziening van: 14.07.2017

**Handelsnaam: CMCP-9 LOW VISCOSITY MOUNTANT**

(Vervolg van blz. 5)

- **10.3 Mogelijke gevaarlijke reacties** Geen gevaarlijke reacties bekend.
- **10.4 Te vermijden omstandigheden** Geen verdere relevante informatie verkrijgbaar.
- **10.5 Chemisch op elkaar inwerkende materialen:** Geen verdere relevante informatie verkrijgbaar.
- **10.6 Gevaarlijke ontledingsproducten:** Geen gevaarlijke ontbindingsproducten bekend.

### RUBRIEK 11: Toxicologische informatie

- **11.1 Informatie over toxicologische effecten**

- **Acute toxiciteit**  
Schadelijk bij inslikken.  
Giftig bij inademing.

- **Indelingsrelevantie LD/LC50-waarden:**

#### 108-95-2 fenol

Oraal	LD50	317 mg/kg (rat)
Dermaal	LD50	850 mg/kg (rabbit)

- **Primaire aandoening:**
- **Huidcorrosie/-irritatie**  
Veroorzaakt ernstige brandwonden en oogletsel.
- **Ernstig oogletsel/oogirritatie**  
Veroorzaakt ernstige brandwonden en oogletsel.
- **Sensibilisatie van de luchtwegen/de huid**  
Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
- **CMR-effecten (kankerverwekkendheid, mutageniteit en giftigheid voor de voortplanting)**
- **Mutageniteit in geslachtscellen** Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
- **Kankerverwekkendheid** Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
- **Giftigheid voor de voortplanting** Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
- **STOT bij eenmalige blootstelling**  
Kan schade aan organen veroorzaken.
- **STOT bij herhaalde blootstelling** Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.
- **Gevaar bij inademing** Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

### RUBRIEK 12: Ecologische informatie

- **12.1 Toxiciteit**
- **Aquatische toxiciteit:** Geen verdere relevante informatie verkrijgbaar.
- **12.2 Persistentie en afbreekbaarheid** Geen verdere relevante informatie verkrijgbaar.
- **12.3 Bioaccumulatie** Geen verdere relevante informatie verkrijgbaar.
- **12.4 Mobiliteit in de bodem** Geen verdere relevante informatie verkrijgbaar.
- **Verdere ecologische informatie:**
- **Algemene informatie:**  
Waterbezwaarlijkheid (NL): B(4) Weinig schadelijk voor in water levende organismen  
Gevaar voor water klasse 2 (D) (Zelfclassificatie): gevaar voor water  
Niet lozen in grondwater, in oppervlaktewater of in riolering.  
Mag niet onverdund of niet geneutraliseerd in oppervlaktewater of in afwateringskanaal geloosd worden.  
Gevaar voor drinkwater zelfs bij uitlopen van geringe hoeveelheden in de ondergrond.
- **12.5 Resultaten van PBT- en zPzB-beoordeling**
- **PBT:** Niet bruikbaar.
- **zPzB:** Niet bruikbaar.
- **12.6 Andere schadelijke effecten** Geen verdere relevante informatie verkrijgbaar.

NL

(Vervolg op blz. 7)

# Veiligheidsinformatieblad

volgens 1907/2006/EG, Artikel 31

datum van de druk: 14.07.2017

Herziening van: 14.07.2017


Handelsnaam: CMCP-9 LOW VISCOSITY MOUNTANT

(Vervolg van blz. 6)

## RUBRIEK 13: Instructies voor verwijdering

- 13.1 Afvalverwerkingsmethoden
- **Aanbeveling:** Mag niet tesamen met huisvuil gestort worden of in de riolering terechtkomen.
- **Niet gereinigde verpakkingen:**
- **Aanbeveling:** Afvalverwijdering volgens overheidsbepalingen.

## RUBRIEK 14: Informatie met betrekking tot het vervoer

- |   |  |
|---|--|
| · 14.1 VN-nummer  | UN2821   |
| · ADR, IMDG, IATA   |  |
| · 14.2 Juiste ladingnaam overeenkomstig de modelreglementen van de VN             |  |
| · ADR   | 2821 FENOL, OPLOSSING  |
| · IMDG, IATA  | PHENOL SOLUTION  |
| · 14.3 Transportgevarenklasse(n)  |  |
| · ADR, IMDG, IATA   |  |
|  |  |
| · klasse  | 6.1 Giftige stoffen  |
| · Etiket  | 6.1  |
| · 14.4 Verpakkingsgroep:  |  |
| · ADR, IMDG, IATA   | II   |
| · 14.5 Milieugevaren:   | Niet bruikbaar.  |
| · 14.6 Bijzondere voorzorgen voor de gebruiker                                    | Waarschuwing: Giftige stoffen  |
| · EMS-nummer:   | F-A,S-A  |
| · 14.7 Vervoer in bulk overeenkomstig bijlage II bij Marpol en de IBC-code        | Niet bruikbaar.  |
| · Transport/verdere gegevens:   |  |
| · ADR   |  |
| · Beperkte hoeveelheden (LQ)  | 100 ml   |
| · Uitgezonderde hoeveelheden (EQ)   | Code: E4<br>Grootste netto hoeveelheid per binnenverpakking: 1 ml<br>Grootste netto hoeveelheid per buitenverpakking: 500 ml |
| · VN "Model Regulation":  | UN 2821 FENOL, OPLOSSING, 6.1, II  |

## RUBRIEK 15: Regelgeving

- 15.1 Specifieke veiligheids-, gezondheids- en milieureglementen en -wetgeving voor de stof of het mengsel
- SZW-lijst van kankerverwekkende stoffen
- geen der bestanddelen staat op de lijst.

(Vervolg op blz. 8)

# Veiligheidsinformatieblad

## volgens 1907/2006/EG, Artikel 31

datum van de druk: 14.07.2017

Herziening van: 14.07.2017

**Handelsnaam: CMCP-9 LOW VISCOSITY MOUNTANT**

(Vervolg van blz. 7)

· **SZW-lijst van mutagene stoffen**

geen der bestanddelen staat op de lijst.

· **NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Vruchtbaarheid**

geen der bestanddelen staat op de lijst.

· **NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Ontwikkeling**

geen der bestanddelen staat op de lijst.

· **NIET-limitatieve lijst van voor de voortplanting giftige stoffen - Borstvoeding**

geen der bestanddelen staat op de lijst.

· **Richtlijn 2012/18/EU**

· **Gevaarlijke stoffen die met naam genoemd worden - BIJLAGE I** geen der bestanddelen staat op de lijst.

· **Seveso-categorie H2 ACUUT TOXISCH**

· **Drempelwaarde (ton) voor toepassing van voorschriften voor lagedrempelinrichtingen 50 t**

· **Drempelwaarde (ton) voor toepassing van voorschriften voor hogedrempelinrichtingen 200 t**

· **Verordening (EG) nr. 1907/2006 BIJLAGE XVII Beperkingsvoorwaarden: 3**

· **Nationale voorschriften:**

· **Gevaarklasse v. water:** Waterbezwaarlijkheid (NL): B(4) Weinig schadelijk voor in water levende organismen

· **15.2 Chemischeveiligheidsbeoordeling:** Een chemische veiligheidsbeoordeling is niet uitgevoerd.

### RUBRIEK 16: Overige informatie

Deze gegevens zijn gebaseerd op de huidige stand van onze kennis. Zij beschrijven echter geen garantie van produkteigenschappen en vestigen geen contractuele rechtsbetrekking.

· **Relevante zinnen**

H301 Giftig bij inslikken.

H311 Giftig bij contact met de huid.

H314 Veroorzaakt ernstige brandwonden en oogletsel.

H315 Veroorzaakt huidirritatie.

H319 Veroorzaakt ernstige oogirritatie.

H331 Giftig bij inademing.

H335 Kan irritatie van de luchtwegen veroorzaken.

H341 Verdacht van het veroorzaken van genetische schade.

H373 Kan schade aan organen veroorzaken bij langdurige of herhaalde blootstelling.

· **Afkortingen en acroniemen:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 3: Acute toxiciteit – Categorie 3

Acute Tox. 4: Acute toxiciteit – Categorie 4

Skin Corr. 1B: Huidcorrosie/-irritatie – Categorie 1B

Skin Irrit. 2: Huidcorrosie/-irritatie – Categorie 2

Eye Irrit. 2: Ernstig oogletsel/oogirritatie – Categorie 2

Muta. 2: Mutageniteit in geslachtscellen – Categorie 2

STOT SE 2: Specifieke doelorgaan toxiciteit bij eenmalige blootstelling – Categorie 2

STOT SE 3: Specifieke doelorgaan toxiciteit bij eenmalige blootstelling – Categorie 3

STOT RE 2: Specifieke doelorgaan toxiciteit bij herhaalde blootstelling – Categorie 2

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

## 1 Identification

- **Product identifier**
- **Trade name:** CMCP-9 LOW VISCOSITY MOUNTANT
- **Article number:** 18003-01, 18003-05
- **Application of the substance / the mixture** Laboratory chemicals
- **Details of the supplier of the safety data sheet**
- **Information department:** Product safety department
- **Emergency telephone number:**  
ChemTrec 1-800-424-9300 Contract CCN7661  
1-703-527-3887

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS06 Skull and crossbones

Acute Tox. 3 H331 Toxic if inhaled.



GHS08 Health hazard

STOT SE 2 H371 May cause damage to organs.



GHS05 Corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS05



GHS06



GHS08

- **Signal word** *Danger*
- **Hazard-determining components of labeling:**  
*phenol*  
*Lactic acid*
- **Hazard statements**  
*Harmful if swallowed.*  
*Toxic if inhaled.*  
*Causes severe skin burns and eye damage.*  
*May cause damage to organs.*

(Contd. on page 2)

US

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

Trade name: **CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 1)

- **Precautionary statements**

*Do not breathe dusts or mists.*

*Wash thoroughly after handling.*

*Do not eat, drink or smoke when using this product.*

*Use only outdoors or in a well-ventilated area.*

*Wear protective gloves/protective clothing/eye protection/face protection.*

*IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.*

*If swallowed: Rinse mouth. Do NOT induce vomiting.*

*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*

*IF INHALED: Remove person to fresh air and keep comfortable for breathing.*

*If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.*

*Continue rinsing.*

*IF exposed or concerned: Call a POISON CENTER/doctor.*

*Immediately call a POISON CENTER/doctor.*

*Specific treatment (see on this label).*

*Wash contaminated clothing before reuse.*

*Store in a well-ventilated place. Keep container tightly closed.*

*Store locked up.*

*Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



Health = 3

Fire = 1

Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = \*3

Fire = 1

Reactivity = 0

- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

108-95-2	phenol	10-25%
598-82-3	Lactic acid	10-25%

### 4 First-aid measures

- **Description of first aid measures**

- **General information:**

*Immediately remove any clothing soiled by the product.*

*Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.*

(Contd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 2)

Remove breathing apparatus only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

· **After inhalation:**

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

· **After swallowing:**

Do not induce vomiting; immediately call for medical help.

Drink copious amounts of water and provide fresh air. Immediately call a doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## 5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture** No further relevant information available.

· **Advice for firefighters**

· **Protective equipment:** Mouth respiratory protective device.

## 6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralizing agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

· **Protective Action Criteria for Chemicals**

· **PAC-1:**

108-95-2	phenol	15 ppm
9002-89-5	POLYVINYL ALCOHOL	24 mg/m <sup>3</sup>

· **PAC-2:**

108-95-2	phenol	23 ppm
9002-89-5	POLYVINYL ALCOHOL	270 mg/m <sup>3</sup>

· **PAC-3:**

108-95-2	phenol	200 ppm
9002-89-5	POLYVINYL ALCOHOL	1,600 mg/m <sup>3</sup>

US

(Contd. on page 4)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

Trade name: CMCP-9 LOW VISCOSITY MOUNTANT

(Contd. of page 3)

## 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
 Ensure good ventilation/exhaustion at the workplace.  
 Open and handle receptacle with care.  
 Prevent formation of aerosols.
- **Information about protection against explosions and fires:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
 The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.  
 At this time, the remaining constituent has no known exposure limits.

### 108-95-2 phenol

PEL	Long-term value: 19 mg/m <sup>3</sup> , 5 ppm Skin
REL	Long-term value: 19 mg/m <sup>3</sup> , 5 ppm Ceiling limit value: 60* mg/m <sup>3</sup> , 15.6* ppm *15-min; Skin
TLV	Long-term value: 19 mg/m <sup>3</sup> , 5 ppm Skin; BEI

- **Ingredients with biological limit values:**

### 108-95-2 phenol

BEI	250 mg/g creatinine Medium: urine Time: end of shift Parameter: Phenol with hydrolysis (background, nonspecific)
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- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Store protective clothing separately.  
 Avoid contact with the eyes and skin.
- **Breathing equipment:**  
 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

(Contd. on page 5)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

Trade name: **CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 4)

· **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

<b>Form:</b>	Fluid
<b>Color:</b>	According to product specification
<b>Odor:</b>	Characteristic
<b>Odor threshold:</b>	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	100 °C (212 °F)

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not flammable.

· **Ignition temperature:** 595 °C (1103 °F)

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

<b>Lower:</b>	1.3 Vol %
<b>Upper:</b>	9.5 Vol %

· **Vapor pressure at 20 °C (68 °F):** 23 hPa (17 mm Hg)

· **Density:** Not determined.

(Contd. on page 6)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 5)

· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	21.0 %
<b>Water:</b>	53.0 %
<b>VOC content:</b>	21.0 %
	446.8 g/l / 3.73 lb/gl
<b>Solids content:</b>	21.0 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

### 108-95-2 phenol

Oral	LD50	317 mg/kg (rat)
Dermal	LD50	850 mg/kg (rabbit)

- **Primary irritant effect:**
- **on the skin:** Caustic effect on skin and mucous membranes.
- **on the eye:** Strong caustic effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Toxic

Corrosive

Irritant

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

(Contd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

Trade name: CMCP-9 LOW VISCOSITY MOUNTANT

(Contd. of page 6)

· **Carcinogenic categories**· **IARC (International Agency for Research on Cancer)**

108-95-2	phenol	3
9002-89-5	POLYVINYL ALCOHOL	3

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety Health Administration)**

None of the ingredients is listed.

## 12 Ecological information

· **Toxicity**

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.

· **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

· **Additional ecological information:**· **General notes:**

Water hazard class 2 (Self-assessment): hazardous for water  
 Do not allow product to reach ground water, water course or sewage system.  
 Must not reach bodies of water or drainage ditch undiluted or unneutralized.  
 Danger to drinking water if even small quantities leak into the ground.

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

· **Waste treatment methods**· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

· **UN-Number**· **DOT, ADR, IMDG, IATA** UN2821· **UN proper shipping name**

· **DOT** Phenol solutions  
 · **ADR** 2821 Phenol solutions  
 · **IMDG, IATA** PHENOL SOLUTION

(Contd. on page 8)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

Trade name: CMCP-9 LOW VISCOSITY MOUNTANT

(Contd. of page 7)

· **Transport hazard class(es)**· **DOT**

· **Class** 6.1 Toxic substances  
 · **Label** 6.1

· **ADR, IMDG, IATA**

· **Class** 6.1 Toxic substances  
 · **Label** 6.1

· **Packing group**  
 · **DOT, ADR, IMDG, IATA** II

· **Environmental hazards:** Not applicable.

· **Special precautions for user** Warning: Toxic substances  
 · **EMS Number:** F-A,S-A

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

· **Transport/Additional information:**

· **ADR**  
 · **Excepted quantities (EQ)** Code: E4  
 Maximum net quantity per inner packaging: 1 ml  
 Maximum net quantity per outer packaging: 500 ml

· **UN "Model Regulation":** UN 2821 PHENOL SOLUTIONS, 6.1, II

## 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
 · **Sara**

· **Section 355 (extremely hazardous substances):**

108-95-2 phenol

· **Section 313 (Specific toxic chemical listings):**

108-95-2 phenol

· **TSCA (Toxic Substances Control Act):**

108-95-2 phenol

9002-89-5 POLYVINYL ALCOHOL

7732-18-5 Deionized Water, Reagent Grade A.C.S.

(Contd. on page 9)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 8)

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

108-95-2	phenol	D, I
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· **TLV (Threshold Limit Value established by ACGIH)**

108-95-2	phenol	A4
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· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS05    GHS06    GHS08

· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

phenol

Lactic acid

· **Hazard statements**

Harmful if swallowed.

Toxic if inhaled.

Causes severe skin burns and eye damage.

May cause damage to organs.

· **Precautionary statements**

Do not breathe dusts or mists.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

**IF SWALLOWED:** Call a POISON CENTER/doctor if you feel unwell.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

**IF exposed or concerned:** Call a POISON CENTER/doctor.

Immediately call a POISON CENTER/doctor.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

(Contd. on page 10)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/14/2017

Reviewed on 07/14/2017

**Trade name: CMCP-9 LOW VISCOSITY MOUNTANT**

(Contd. of page 9)

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 07/14/2017 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety **Health**

**TLV: Threshold Limit Value**

**PEL: Permissible Exposure Limit**

**REL: Recommended Exposure Limit**

**BEI: Biological Exposure Limit**

**Acute Tox. 4: Acute toxicity – Category 4**

**Acute Tox. 3: Acute toxicity – Category 3**

**Skin Corr. 1B: Skin corrosion/irritation – Category 1B**

**STOT SE 2: Specific target organ toxicity (single exposure) – Category 2**