

# Material Safety Data Sheet

(17985-10 and 17982-25)

## Section 1: Chemical Product and Company Identification

**Product Name:** CFM-2 Mountant Solution

**Catalog Number:** 17982-10 and 17982-25

**CAS#:** See No. 3 below

**Contact Information:**

**Electron Microscopy Sciences**

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**Order Online:** [emsdiasum.com](http://emsdiasum.com)

**CHEMTREC (24-Hour Emergency**

**Telephone), call:** 1-800-424-9300

## Section 2: Composition and Information on Ingredients

*Substances presenting a health or environmental hazard*

EC #	CAS #	Chemical Name	Content	Hazard Symbol(s)	Risk Phrase(s)
Registered	Commercial Secret	Heterocyclic compound	20-30%	Xi irritant	R36/38
200-289-5	56-81-5	Glycerol	50-60%	None	---
201-064-4	77-86-1	Tris(hydroxylmethyl) aminomethane	0-1%	Xi irritant	R36/38

## Section 3: Hazards Identification

Irritating to skin and eyes.

## Section 4: First Aid Measures

**General:** Aqueous solution are alkaline.

**Skin Contact:** Remove any contaminated clothing and wash the infected area with plenty of water and soap.

**SEEK MEDICAL ADVICE** if irritation persists.

**Eye Contact:** Irrigate the eyes with copious amounts of water (holding the eyelids open with the fingers if necessary). **SEEK MEDICAL ADVICE** if irritation persists.

**Ingestion:** Give plenty of water provided they are conscious. Rinse mouth with copious amounts of water. **DO NOT** induce vomiting and **SEEK MEDICAL ADVICE**.

**Inhalation:** If breathing becomes difficult, remove to fresh air. **SEEK MEDICAL ADVICE**.

### Section 5: Fire and Explosion Data

**Flash Point:** >100°C

**In the event of fire, suitable extinguishing media:** water, foam, dry powder or carbon dioxide.

**Hazardous combustion products include:** oxides of carbon, oxides of nitrogen.

### Section 6: Accidental Release Measures

Small quantities may be wiped up using an absorbent cloth or paper and rinsed away in running water. Larger quantities may be mixed with sand, or similar inert material, swept up and disposed of as non-hazardous waste.

### Section 7 : Handling and Storage

**Handling:** This product should be handled by, or under close supervision of those properly qualified in the use of potentially hazardous chemicals and who should take into account the fire, health and chemical hazards reported on this sheet.

**Storage:** Store in well sealed bottle away from direct sunlight.

### Section 8: Exposure Controls/Personal Protection

Substance	CAS Number	Workplace Exposure Limit				Comments and source
		Long-term (8-hour TWA)		Short-term (15-minute TWA)		
		ppm	mg.m-3	ppm	mg.m-3	
Glycerol	56-81-5	---	10	---	30	Mist EH40/2005

**Technical measures/precautions:** Use in a well-ventilated environment.

**Respiratory protection:** Not required

**Hand protection:** Impervious gloves of butyl, neoprene or nitrile rubber.

**Eye protection:** Chemically resistant safety spectacles with side protection

**Skin protection:** long sleeves, closed footwear.

### Section 9: Physical and Chemical Properties

**Appearance:** clear, colorless liquid

**Odor:** slight, musty

**Aqueous solubility:** completely miscible

**pH:** approx. 8.5@20°C

**Refractive index:** 1.5160 ± 0.005 @20°C

### Section 10: Stability and Reactivity Data

**Conditions to Avoid:** High temperature, humidity, strong light.

**Materials to Avoid:** Acids, strong oxidizing agents.

### Section 11: Toxicological Information

**Acute oral toxicity:** Not tested

**Acute dermal toxicity:** Not tested

**Acute inhalation toxicity:** Not tested

**Acute dermal irritation/corrosion:** Expected to be irritating to the skin

**Acute eye irritation/corrosion:** Expected to be irritating to the eyes

**Acute skin sensitization:** Not expected to cause sensitization in susceptible individuals.

### Section 12: Ecological Information

**Acute toxicity to fish:** Not tested

**Acute toxicity to daphnia:** Not tested

**Acute toxicity to algae:** Not tested

**Biodegradability:** Expected to be readily biodegradable according to OECD criteria

**Bioconcentration factor:** Not tested

### Section 13: Disposal Considerations

Dispose of as special waste in accordance with local, regional and/or national guidelines.

### Section 14: Transport Information

**RID/ADR:** Non-hazardous for railroad transport

**IMDG:** Non-hazardous for sea transport

**IATA:** Non-hazardous for air transport

### Section 15: Other Regulatory Information

Labelling in accordance with Directive 91/155/EEC: This product is not tested and the evaluation was performed using the EC calculation procedure.

**Hazard symbol(s):** Xi Irritant

**Risk phrase(s):** R36/38 Irritating to eyes and skin

**Safety phrase(s):** S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention

S36/37 Wear suitable protective clothing and gloves.

## Section 16: Other Information:

R-phrases from Section 2.

R11            Highly flammable

R22            Harmful if swallowed

R36/38        Irritating to eyes and skin.

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