

EMS CATALOG NO: 50400-S
EMS PRODUCT: Crystalbond 509 Stripper
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MATERIAL SAFETY DATA SHEET

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FOR PRODUCT AND SALES INFORMATION

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PRODUCT IDENTIFICATION

IDENTITY: Crystalbond 509-S Stripper

HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Ingredients: Dimethylacetamide
CAS# 127-19-5
ACCIH TLV: 10ppm TWA
OSHA PEL: 10ppm TWA

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A transparent liquid with a slight ammonia odor. May cause Skin and eye irritation. May be harmful if swallowed, inhaled or absorbed through the Skin. May cause liver, kidney and central nervous systems effects.

POTENTIAL HEALTH EFFECTS:

EYES: May cause slight to moderate irritation.
SKIN: May cause slight to moderate irritation. May be harmful if absorbed through the skin.
INHALATION: May cause dizziness and nausea.
INGESTION: May cause slight to moderate irritation of gastrointestinal May cause central nervous system effects.
DELAYED EFFECTS: Repeated or prolonged exposure may cause kidney And liver damage.

FIRE AND EXPLOSION DATA

Flash Point: 160 F
Flammable Limits: LEL: (1.8%) @ 100 C (Dimethylacetamide)
UEL: (11.5%) @ 160 C (Dimethylacetamide)
Extinguishing Media: Foam, carbon dioxide, dry powder, water spray.
Special Fire Fighting Procedures: Wear self contained breathing apparatus and Full protective equipment.
Unusual Fire and Explosion Hazards: Vapors can travel along surfaces to distant Ignition sources and flash back. Vapors can spread along ground and collect in Low confined areas. As with any organic material, contact with strong oxidizers May cause fire or explosion. Special fire fighting precautions would be to wear Self-contained breathing apparatus (SCBA) and full protective equipment.

FIRST AID MEASURES

SKIN: Immediately flush skin with plenty of water for at least 15 minutes while Removing contaminated clothing and shoes. Get medical attention immediately. Wash contaminated clothing before reuse.
EYES: Immediately flush eyes with water for at least 15 minutes. Do not wear Contacts. Get medical attention immediately.
INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial Respiration. If breathing is difficult, give oxygen. Get medical attention.
INGESTION: Do not induce vomiting. Immediately give plenty of water. Get Medical attention immediately. Do not give anything by mouth to an unconscious Or convulsing person.

HEALTH HAZARD DATA

Effects of Overexposure

Inhalation: May cause dizziness and nausea.
Dermal Exposure: May cause skin irritation with prolonged contact.
Eye Irritation: Contact with eyes can cause irritation.
Ingestion: May cause stomach pains or nausea

Emergency and First-Aid Procedures:

Skin: Wash area thoroughly with soap and water.
Eye: Flush with copious amount of water. If irritation occurs, consult a physician.
Ingestion: Drink large amounts of water and induce vomiting. After vomiting drink more water.

PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: Isolate and flush area with water and mop up.

Waste Disposal Method: Dispose of in accordance with local, state, and federal regulations.

Precautions to be taken in handling and storing: Avoid excessive heat, sparks, open flames.

SPECIAL PROTECTION INFORMATION

Use NIOSH approved mist respirator where spray occurs. Use of rubber gloves and chemical goggles is recommended.

Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Where mist cannot be controlled in this way, personal respiratory protection should be employed.

CHEMICAL COMPONENTS OF THIS PRODUCT WHICH ARE PRESENT IN REPORTABLE AMOUNTS AND ARE LISTED IN SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 (SARA TITLE III) ARE SHOWN BELOW WITH THEIR CAS REGISTRY NUMBER SNA MAXIMUM COMPOSITION BY WEIGHT.

HANDLING AND STORAGE

Keep away from heat, sparks and flames. Keep container tightly closed when not in use. Avoid contact with skin, eyes, and on clothing. Avoid breathing, vapor or mist. Keep away from sources of ignition. Keep storage container tightly closed. Store in cool, dry well-ventilated area or cabinet. Isolate from incompatible substances. Residual vapors might explode on ignition, do not apply heat, cut, drill or weld on or near this container.

EXPOSURE CONTROLS

Use local exhaust to keep airborne concentrations below the permissible exposure limits.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Transparent

PHYSICAL STATE: Liquid

MOLECULAR WEIGHT: Mixture

CHEMICAL FORMULA: Mixture

ODOR: Slight Ammonia

SPECIFIC GRAVITY (water=1.0) [0.96-1.03@68 F](#)

SOLUBILITY IN WATER (Weight %) Completely soluble

pH: Not determined

BOILING POINT: 329 F

MELTING POINT : -4F
VAPOR PRESSURE: [3.5@77F](#)
VAPOR DENSITY (air=1.0) 2.50
EVAPORATION RATE: 0.17 Compared to: Butyl Acetate
% VOLATILES: Not determined
FLASH POINT: >160 F

TRANSPORT INFORMATION

US DOT HAZARD CLASS: Combustible Liquid
US DOT ID NUMBER: NA1993
PROPER SHIPPING NAME: Combustible Liquid, n.o.s. (contains Dimethylacetamide)

Not regulated in containers less than 119 gallons.

REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)
TSCA INVENTORY STATUS: All components are listed on TSCA
OTHER TSCA ISSUES: None

Section 311/312 Hazard Class: Immediate Chronic: Fire
Sara 313 Toxic Chemicals:
The following ingredients are SAR 313 Toxic Chemicals and may be subject to Annual reporting requirements. CAS numbers and weight percents are found in Section 2.

OTHER INFORMATION: HMIS-2-2-0
NFPA-2-2-0

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