

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined

N/A=Not Applicable

Product: CAP CLEAN

Manufacturer: ESTEAM

Flammability: 0

Reactivity: 0

Health: 1

Protection:

Use: Encapsulating cleaner

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS

CAS

% WT

HAZARD DATA

EXPOSURE LIMITS (TLV)

Ammonium Salt

184179-24-6

1-5%

N/D

N/D

PHYSICAL DATA

Physical State: Liquid

Boiling Point (C): 100

Solubility in Water: 100 %

Evaporation Rate: N/D

Freeze/Thaw Stable: Yes

Percent Volatile (vol): N/D

Odor/ Appearance: Clear to amber, slight

Freezing Point (C): 0

Ph (undiluted): 9.5

Specific Gravity: N/D

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction:

Special Procedures: N/A

Explosion Sensitivity to Impact: N/A

Chemical Sensitivity to Static Discharge: N/A

Flashpoint (C) & Method: N/A

Conditions: N/A

Hazardous Combustion Products: N/A

Upper Explosion Limit (% by vol): N/A

Lower Explosion Limit (% by vol): N/A

Auto-ignition: N/A

Rate of Burning: N/A

Explosive Power: N/A

TDG/WHMIS: Non hazardous / D2B

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product: Carbon Monoxide, Carbon Dioxide

Incompatible Substances: None known

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: N
Route of Entry - Skin Absorption: N
Route of Entry - Eye Contact: Y
Route of Entry - Inhalation: N
Route of Entry - Ingestion: Y

Reproductive Effects Y/N: N
Carcinogenicity Y/N: N
Mutagenicity Y/N: N
Teratogenicity Y/N: N/D
TLV: N/D

Effects of Overexposure:

Acute Effects:

Irritant to eyes and skin, irritating to respiratory tract. Ingestion may cause damage to the mucous membranes, mouth and digestive system.

Chronic Effects:

Prolonged and repeated exposure can cause drying, defatting and dermatitis.

PREVENTATIVE MEASURES

Gloves: Rubber gloves

Footwear: N/A

Clothing: N/A

Eyes: Safety glasses

Respirator: N/A

Other: N/A

Recommended Engineered Controls:
No special procedures.

Leak & Spill Procedures:
Flush to a sanitary drain with water.

Waste Disposal Methods:
According to federal, provincial and municipal regulations.

Special Handling Procedures:
Store in a cool dry place.

FIRST AID MEASURES

Inhalation: Move person to fresh air. If necessary give artificial respiration or oxygen. Call doctor if in distress.

Ingestion: Contact a physician.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Call a physician.

Skin Contact: Immediately flush skin with running water for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

Prep./Revised Date: January 15, 2017

Prepared By: R. Russell

Source Material: Manufacturer's MSDS

Emergency Response: 1-613-996-6666 (Transport Emergencies)

Mailing Address: Esteam Manufacturing Ltd.
3750-19th Street NE Calgary, AB T2E 6V2



This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.