

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined
N/A=Not Applicable

Product: PRE-MAX

Manufacturer: ESTEAM

Flammability: 0

Chem. Name: N/A

Trade Name: Pre-Max

Reactivity: 0

Chem. Family: Mixture

Use: Carpet prespray

Health: 2

Protection:

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

HAZARDOUS INGREDIENTS

C11 Alcohol Ethoxylate (ethylene oxide)
D-limonene
2 Butoxyethanol
Poly-(oxy-1, 2-ethanediyl) Alpha-undecyl-
omega

CAS #
34396-01-1
5989-27-5
111-76-2
34398-01-1

% WT
1-5
1-5
10-20
5-10

HAZARD DATA
LD50 1.09 g/kg (oral-rat)
LD50 4400 mg/kg (oral-rat)
LD50 1746 mg/kg (oral-rat)
N/A

EXPOSURE LIMITS (TLV)
N/D
N/D
TWA 25 ppm skin
N/A

PHYSICAL DATA

Physical State: Liquid

Odor/Appearance: Candy/clear

Boiling Point (C): 100
Freezing Point (C): 0

Solubility in Water: 100%
Ph (undiluted): 10.6

Evaporation Rate: N/D
Specific Gravity: 1.0

Freeze/Thaw

Stable: Yes
Percent Volatile (vol): N/D
Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: N/A

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: None

Incompatible Substances: Strong acids

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: Y
Route of Entry - Skin Absorption: Y
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
TLV: N/D

Effects of Overexposure:

Acute Effects:

May cause eye irritation. Ingestion may cause gastrointestinal irritation.

Chronic Effects:

Prolonged and repeated contact may lead to dermatitis.

PREVENTATIVE MEASURES

Gloves: Recommended
Eyes: Chemical glasses

Footwear: N/A
Respirator: N/A

Clothing: N/A
Other: N/A

Recommended Engineered Controls:

Use with adequate ventilation.

Leak & Spill Procedures:

Flush with water to a sanitary sewer.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Industrial use only.

FIRST AID MEASURES

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

Ingestion: Immediately rinse mouth and throat thoroughly with water. Call a physician.

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

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: May 1, 2007

Prepared By: R. Russell

Source Material: Manufacturer's MSDS

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

Mailing Address: Esteam Manufacturing Ltd.
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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.