

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

Product: Tile & Grout Acidic Cleaner

Manufacturer: ESTEAM

Flammability: 0

Chem. Name:

Trade Name: Acidic Cleaner

Reactivity: 1

Chem. Family:

Use: Tile & Grout Acidic Cleaner

Health: 1

Protection:

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

HAZARDOUS INGREDIENTS

CAS #

% WT

HAZARD DATA

EXPOSURE LIMITS (TLV)

Organic salt

506-89-8

30-60%

PHYSICAL DATA

Physical State: Liquid

Boiling Point (C): N/D

Solubility in Water: 100 %

Evaporation Rate: N/D

Percent Volatile (vol): N/D

Odor/ Appearance: Amber

Freezing Point (C): 0

Ph (undiluted): <1

Specific Gravity: 1-1

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N/A

Means of Extinction: N/A

Special Procedures: None

Explosion Sensitivity to Impact: None

Chemical Sensitivity to Static Discharge: N/A

Flashpoint (C) & Method: N/D

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: Corrosive liquid N.O.S. (urea monohydrochloride) class 8
UN 1760 Pg 111 E , D2B

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product: Oxides of carbon, oxides of nitrogen and chlorine

Incompatible Substances: Oxidizer, chlorates or nitrates, hypochlorites

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
TLV: N/D

Effects of Overexposure:

Acute Effects:

Causes burns to eyes, prolonged or repeated contact may cause irritation.

Chronic Effects:

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

PREVENTATIVE MEASURES

Gloves: rubber/nitrile

Footwear: N/A

Clothing: N/A

Eyes: chemical resistant glasses

Respirator: not normally required

Other: N/A

Recommended Engineered Controls:

Use with adequate ventilation.

Leak & Spill Procedures:

Flush to a sanitary drain.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Industrial use only. Keep out of reach of children.

FIRST AID MEASURES

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

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

Eye Contact: Immediately flush eyes with 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: March 1, 2011

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.