

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

Product: DS

Chem. Name: N/A

Chem. Family: Mixture

Manufacturer: ESTEAM

Trade Name: DS

Use: Hard surface cleaner

Flammability: 0

Reactivity: 0

Health: 2

Protection:

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

HAZARDOUS INGREDIENTS

Sodium Metasilicate Pentahydrate

CAS #

6834-92-0

% WT

5-10

HAZARD DATA

LD50 0.8 g/kg (oral-rat)

EXPOSURE LIMITS (TLV)

2 mg/m3

PHYSICAL DATA

Physical State: Liquid

Odor/ Appearance: Clear

Boiling Point (C): 100

Freezing Point (C): 0

Solubility in Water: Excellent

Ph (undiluted): 12.2

Evaporation Rate: N/D

Specific Gravity: N/D

Freeze/Thaw

Stable: Yes

Percent Volatile (vol): 90%

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: Water

Special Procedures: Avoid contact with eyes & skin. SCBA.

Explosion Sensitivity to Impact: N/A

Chemical Sensitivity to Static Discharge: N/A

Flashpoint (C) & Method: N/A

Conditions: N/A

Hazardous Combustion Products: None

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: All acids or amphoteric metals such as aluminum or zinc.

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: Y
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:

May cause severe skin irritation. May irritate nose and throat if inhaled. May irritate eyes on contact.

Chronic Effects:

Frequent or prolonged contact may cause defatting dermatitis.

PREVENTATIVE MEASURES

Gloves: Rubber

Eyes: Safety glasses

Footwear: N/A

Respirator: Mist filter

Clothing: N/A

Other: Eyewash station

Recommended Engineered Controls:

Local exhaust ventilation if handling in bulk.

Leak & Spill Procedures:

Mop up excess. Flush area with water.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Avoid contact with eyes and skin. Store in a cool, dry area away from acids.

FIRST AID MEASURES

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

Ingestion: Do not induce vomiting. Give large amounts of water. Get medical attention.

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

Skin Contact: Immediately flush skin 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.