

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

Product: ECLEAN GREEN EMULSIFIER

Manufacturer: ESTEAM

Flammability: 0
Health: 1

Reactivity: 0
Protection:

Use: Extraction Cleaner

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

HAZARDOUS INGREDIENTS

Sodium tetraborate Pentahydrate
Alcohol ethoxylate

CAS #
121 79-04-3
68439-45-2

% WT
1-5%
1-5%

HAZARD DATA
LD50 2660 mg/kg (oral rat)
LD50 5100 mg/kg (oral rat)

EXPOSURE LIMITS (TLV)

NOTE: All carpet cleaning products introduce substances to the indoor environment, Environmentally Responsible Eclean Green Emulsifier has comparatively reduced risk.

PHYSICAL DATA

Physical State: Liquid

Odor/ Appearance: Pale yellow, mild odour

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

Solubility in Water: 100%
Ph (undiluted): 8.1

Evaporation Rate: Approx 1
Specific Gravity: Approx 1.05

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: None

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 oxides

Incompatible Substances: Strong reducing agents

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 skin and eye irritation.

Chronic Effects:
None known.

PREVENTATIVE MEASURES

Gloves: Rubber gloves
Eyes: Safety glasses

Footwear: N/A
Respirator: N/A

Clothing: N/A
Other: N/A

Recommended Engineered Controls:
Use with adequate ventilation.

Leak & Spill Procedures:
Flush to a sanitary sewer.

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

Special Handling Procedures:
Store in a cool, dry place. Keep away from children.

FIRST AID MEASURES

Inhalation: Remove to fresh air

Ingestion: Drink large amounts of water to dilute.

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: June 14, 2010

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.