

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined

N/A=Not Applicable

Product: PRO PLUS

Chem. Name: N/A

Chem. Family: Mixture

Manufacturer: ESTEAM

Trade Name: Pro Plus

Use: Carpet cleaning emulsifier

Flammability: 0

Reactivity: 0

Health: 1

Protection:

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

HAZARDOUS INGREDIENTS

2 Butoxyethanol
D-limonene
Sodium Metasilicate
Sodium Carbonate Peroxyhydrate

CAS

111-76-2
5989-27-5
6834-92-0
15630-89-4

% WT

1-5
1-5
5-10
1-5

HAZARD DATA

LD50 1746 mg/kg (oral-rat)
LD50 4400 mg/kg (oral-rat)
LD50 847 mg/kg (oral-rat)
N/D

EXPOSURE LIMITS (TLV)

TWA 25 ppm skin
N/D
N/D
N/D

PHYSICAL DATA

Physical State: Powder

Odor/ Appearance: Yellow/ lemon

Boiling Point (C): N/A

Freezing Point (C): N/A

Solubility in Water: 100 %

Ph (undiluted): N/D

Evaporation Rate: N/A

Specific Gravity: N/A

Freeze/Thaw

Stable: Doesn't

Percent Volatile (vol): N/D

Vapor Pressure: N/A

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: None known

Incompatible Substances: None known

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

Effects of Overexposure:

Acute Effects:

May be irritating to eyes and skin on contact. Inhalation of dust may cause respiratory tract irritation.

Chronic Effects:

Prolonged and repeated contact may cause irritation to skin.

PREVENTATIVE MEASURES

Gloves: Recommended

Eyes: Chemical goggles

Footwear: N/A

Respirator: Dust mask recommended

Clothing: N/A

Other: N/A

Recommended Engineered Controls:
Use with adequate ventilation.

Leak & Spill Procedures:

Sweep up spill. Flush area with water to a sanitary sewer.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Keep lid on and store in cool dry place. Avoid contact when handling.

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 water. Call 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.