

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined

N/A=Not Applicable

Product: SUSPEND FREE

Manufacturer: ESTEAM

Flammability: 0

Chem. Name: N/A

Trade Name: Suspend Free

Reactivity: 0

Chem. Family: Mixture

Use: Carpet cleaning prespray

Health: 1

Protection:

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

HAZARDOUS INGREDIENTS

CAS

% WT

HAZARD DATA

EXPOSURE LIMITS (TLV)

Dipropylene Glycol Monopropyl Ether

29911-27-1

1-5%

>2000 mg/kg BWT (oral-rat)

PHYSICAL DATA

Physical State: Liquid

Boiling Point (C): 100

Solubility in Water: 100 %

Evaporation Rate: 1

Freeze/Thaw

Stable: Yes

Percent Volatile (vol): 95%+

Odor/ Appearance: Opaque liquid,

Freezing Point (C): N/D

Ph (undiluted): 9.1

Specific Gravity: >1

Vapor Pressure: As water

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: 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: None

Incompatible Substances: None

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:

Eye contact may cause irritation. Ingestion may cause gastrointestinal irritation.

Chronic Effects:

None known.

PREVENTATIVE MEASURES

Gloves: Recommended

Footwear: N/A

Clothing: N/A

Eyes: Chemical goggles

Respirator: N/A

Other: N/A

Recommended Engineered Controls:

Use with adequate ventilation.

Leak & Spill Procedures:

Small quantities may be diluted with water and flushed to a sanitary sewer.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Avoid skin contact. Keep out of reach of children.

FIRST AID MEASURES

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

Ingestion: Drink plenty of fluids. If nausea persists contact 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 for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

Prep./Revised Date: January 15, 2015

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.