

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS) N/D=Not Determined N/A=Not Applicable

Product: APPLE FRESH

Manufacturer: ESTEAM

Flammability: 0

Reactivity: 0

Health: 1

Protection:

Use: Carpet deodorizer

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

HAZARDOUS INGREDIENTS

CAS #

% WT

HAZARD DATA

EXPOSURE LIMITS (TLV)

Isopropanol

67-63-0

3-12

LD50 5054 mg/kg (oral-rat)

400 ppm

PHYSICAL DATA

Physical State: Liquid

Boiling Point (C): 100

Solubility in Water: 100 %

Evaporation Rate: N/D

Freeze/Thaw Stable: Yes

Percent Volatile (vol): N/D

Odor/Appearance: Apple scented clear liquid

Freezing Point (C): -5

Ph (undiluted): 7.7

Specific Gravity: 1.0

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: CO2, dry foam, water spray

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: N/A

Incompatible Substances: Oxidizing materials and acids

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: Y
Route of Entry - Skin Absorption: N
Route of Entry - Eye Contact: Y
Route of Entry - Inhalation: Y
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 temporary discomfort to eyes. Ingestion of large quantities may cause vomiting, nausea and diarrhea. No chronic local toxicity as a result of acute local inhalation.

Chronic Effects:

Frequent or prolonged contact may irritate skin.

PREVENTATIVE MEASURES

Gloves: Rubber recommended

Footwear: N/A

Clothing: N/A

Eyes: Goggles with side shield

Respirator: N/A

Other: N/A

Recommended Engineered Controls:

Use with adequate ventilation.

Leak & Spill Procedures:

Soak up with inert absorbent. Wash unrecoverable material to a sanitary sewer.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Store in a cool dry place. Keep closed when not in use.

FIRST AID MEASURES

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

Ingestion: Drink large quantities of water and induce vomiting. Contact a physician if irritation persists.

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, 2014

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.