

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined

N/A=Not Applicable

Product: SMOKE CLEAN

Chem. Name: N/A

Chem. Family: Mixture

Manufacturer: ESTEAM

Trade Name: Smoke Clean

Use: Cleaner for fire damaged surfaces

Flammability: 0

Reactivity: 0

Health: 2

Protection:

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

HAZARDOUS INGREDIENTS

2-Butoxyethanol
Diethylene glycol monobutyl ether
EDTA
Monoethanolamine
Potassium Hydroxide

CAS

111-76-2
112-34-5
64-02-8
141-43-5
1310583

% WT

5-20
<6
<5
<1
<1

HAZARD DATA

LD50 1746 mg/kg (oral-rat)
LD50 4500 mg/kg (oral-rat)
LD50 3030 mg/kg (oral-rat)
LD50 1720 mg/kg (oral-rat)
LD50 273 mg/m3 (oral-rat)

EXPOSURE LIMITS (TLV)

25 ppm / TWA
10 ppm/TWA
N/A
3 ppm
N/A

PHYSICAL DATA

Physical State: Liquid

Odor/ Appearance: Lemon / Yellow

Boiling Point (C): 100

Freezing Point (C): 0

Solubility in Water: Complete

Ph (undiluted): 12.7

Evaporation Rate: N/D

Specific Gravity: N/D

Freeze/Thaw

Stable: Yes

Percent Volatile (vol): N/D

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: No

Means of Extinction: Water, foam

Special Procedures: None

Explosion Sensitivity to Impact: N/D

Chemical Sensitivity to Static Discharge: N/D

Flashpoint (C) & Method: N/D

Conditions: N/D

Hazardous Combustion Products: N/D

Upper Explosion Limit (% by vol): N/D

Lower Explosion Limit (% by vol): N/D

Auto-ignition: N/D

Rate of Burning: N/D

Explosive Power: N/D

TDG/WHMIS: Non hazardous / E, D2B

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product: Oxides of carbon

Incompatible Substances: Strong oxidizers, mineral 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/D
Carcinogenicity Y/N: N/D
Mutagenicity Y/N: N/D
Teratogenicity Y/N: N/D
TLV: N/D

Effects of Overexposure:

Acute Effects:

Will cause irritation. May cause nausea, diarrhea, vomiting if ingested. Inhalation may be irritating.

Chronic Effects:

Prolonged or repeated contact with skin may cause defatting dermatitis.

PREVENTATIVE MEASURES

Gloves: Rubber

Eyes: Chemical glasses

Footwear: N/A

Respirator: Mist Filter

Clothing: N/A

Other: Eye Wash Station

Recommended Engineered Controls:
Use with adequate ventilation.

Leak & Spill Procedures:

Mop up excess. Flush with water to a sanitary sewer.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Avoid contact with eyes and skin. Keep container closed when not in use. Keep away from children. Store in a cool dry place.

FIRST AID MEASURES

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

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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.