

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

Product: SANI-CLEAN

Manufacturer: ESTEAM

Flammability: 0

Chem. Name: N/A

Trade Name: Sani-Clean

Reactivity: 0

Chem. Family: Mixture

Use: Quaternary ammonia disinfectant cleaner

Health: 2

Protection:

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

HAZARDOUS INGREDIENTS

N-Alk(c12-c18)N, N-Dimethyl-N-Benzylammonia Chloride
N,N-Dialkyl(C-8,10)-N, N-Dimethylammonia Chloride

CAS #
68424-85-1

% WT
1-2

HAZARD DATA
N/D

EXPOSURE LIMITS (TLV)
N/D

68424-95-3

1-2

LD50 366 mg/kg (80%)oral-rat)

N/D

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: Clear, alcohol odor

Freezing Point (C): N/D

Ph (undiluted): 12.1

Specific Gravity: N/D

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: N/A

Special Procedures: Avoid eye and skin contact

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 / E, D2B

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product: None

Incompatible Substances: Anionic materials, bleach or oxidizing 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: Y
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:

Skin contact may cause irritation. Eye contact may cause severe irritation or injury. Inhalation of mist may cause irritation of nose and throat. Ingestion may cause burning or pain in the mouth.

Chronic Effects:

Repeated skin contact may lead to defatting dermatitis.

PREVENTATIVE MEASURES

Gloves: Impervious

Footwear: N/A

Clothing: N/A

Eyes: Chemical Goggles

Respirator: NIOSH organic vapour

Other: N/A

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 food. Keep container closed when not in use. Store in a cool, dry place away from children.

FIRST AID MEASURES

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

Ingestion: 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: May 1, 2007

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.