

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

OSTREM CHEMICAL CO. LTD.
2310 - 80 AVENUE
EDMONTON AB T6P 1N2

Phone: 780-440-1911 or 780-446-0177
In Case of Emergency Only:
phone CANUTEC at (613) 996-6666

Product name: PURE DISINFECTANT
Drug Identification Number: 02358859

Code: J718

Other name:

Distributed by:

Product use: disinfectant

Date completed: April 01, 2014

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	%W/W	CAS number
didecyl dimethyl ammonium chloride	3.84	7173-51-5

3. HAZARDS IDENTIFICATION

Corrosive liquid. Causes burns. Harmful if swallowed.

4. FIRST AID MEASURES

Inhalation: Remove from exposure. Get fresh air.

Ingestion: Induce vomiting only on the direct advice of a poison control centre. Drink 1-2 glasses of milk or water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Eye contact: Flush with plenty of water for at least 15 minutes. Get medical attention.

Skin contact: Remove contaminated clothing and flush with plenty of water.

5. FIRE - FIGHTING MEASURES

Flash point (test method): >100C

Flammable limits (%): Non-flammable

Lower: Not applicable

Upper: Not applicable

Fire extinguishing substances: Use extinguishing media appropriate for surrounding fire.

Autoignition temperatures: Not applicable

Hazardous combustion products: May liberate carbon monoxide, carbon dioxide and oxides of sodium.

Explosion data:

Sensitivity to mechanical impact: Not applicable

Sensitivity to static discharge: Not applicable

Special firefighting procedures: As for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate protective equipment.

Environmental precautions: Prevent from entering sewers, waterways or low areas.

Methods for cleaning up: Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

7. HANDLING AND STORAGE

Handling: Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.
Storage: Keep out of reach of children. Keep container tightly closed. Store in a cool, dry area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Special ventilation requirements not normally necessary
Respiratory protection: Not normally necessary.
Eye protection: Not normally necessary. Safety glasses may be worn.
Other protection: Not normally necessary.

Exposure limits:

INGREDIENT	ACGIH	OSHA	Other
didecyl dimethyl ammonium chloride	Not available		

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid	Solubility in water: Complete
Boiling point: 100C	Vapour pressure: Not available
Vapour density: Not available	Evaporation rate: Not available
Freezing point: 0C	Odour threshold: Not available
Sp. Gravity: 0.993	pH: 6-9
Appearance & odour: clear, blue liquid with no odour	

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions of instability: Not available
Incompatibility: () Water (X) Oxidizers () Acid () Base () Other
Conditions of reactivity: Not available
Hazardous decomposition products: Not available

11. TOXICOLOGICAL PROPERTIES

POTENTIAL ACUTE HEALTH EFFECTS

Inhalation: No known significant effects.
Ingestion: Harmful if swallowed.
Eye contact: Corrosive to eyes. Causes severe burns.
Skin contact: May cause burns.
Skin absorption: Not available

POTENTIAL CHRONIC HEALTH EFFECTS:

Inhalation: No known significant effects.
Ingestion: Not available
Eye contact: Not available
Skin contact: Not available
Skin absorption: Not available

Irritancy of product:	See WHMIS criteria
Sensitization of product:	Not available
Carcinogenicity: IARC (1, 2A or 2B)	No known significant effects.
ACGIH: (A1, A2 or A3)	No known significant effects.
Reproductive toxicity:	No known significant effects.
Teratogenicity:	No known significant effects.
Mutagenicity:	No known significant effects.
Synergistic product:	Not available

HAZARDOUS INGREDIENTS

CAS NO. TOXICITY DATA

didecyl dimethyl ammonium chloride

7173-51-5

Acute Oral LD50 = 250 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicological information: Not available

Other information:

13. DISPOSAL CONSIDERATIONS

Waste disposal: Do not contaminate water, food or feed by storage and disposal. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by provincial and local authorities. In addition, plastic containers may be disposed of by incineration or if allowed by provincial or local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORT INFORMATION

TDG classification: Not regulated

15. REGULATORY INFORMATION

WHMIS: Not controlled (DIN: 02358859)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. PREPARATION INFORMATION

Prepared by: Technical Services Department, Ostrem Chemical Co. Ltd., Ph: (780) 440-1911