

Fire Soaps
780 East 134th Street
Bronx, New York 10454
718.502.9577

HMIS	
Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	N/A

FIRE SOAPS™ HARD SURFACE DISINFECTANT

MATERIAL SAFETY DATA SHEET

Emergency Phone: 1.800.424.9300
Non-Emergency Phone: 1.718.502.9577

Last Revision Date: 7/10/09
Print Date: 7/24/2013

Section 01: PRODUCT IDENTIFICATION

PRODUCT CODE: 70200
PRODUCT NAME: FIRE SOAPS™ HARD SURFACE DISINFECTANT
FORMULA: N/A
CHEMICAL FAMILY: Quaternary Ammonium Compounds
U.S. EPA #: 10324-85-7048
CANADIAN P.C.P. #: N/A

Section 02: COMPOSITION/ INFORMATION ON INGREDIENTS

	<u>Weight</u>	<u>TWATLV</u>	<u>CAS Number</u>
Alkyl dimethyl benzyl ammonium chloride	< 0.1%	N/D	68424-85-1
Octyl decyl dimethyl ammonium chloride	< 0.1%	N/D	32426-11-2
Dioctyl dimethyl ammonium chloride	< 0.1%	N/D	5538-94-3
Didecyl dimethyl ammonium chloride	< 0.1%	N/D	7173-51-5
Isopropyl alcohol	2.0%	N/D	67-63-0

Section 03: HAZARDS IDENTIFICATION

INHALATION: Mists and vapors may be mildly irritating to the throat and respiratory tract.
SKIN: May be mildly irritating. Very large exposure may be harmful.
EYES: May cause irritation.
INGESTION: Harmful if swallowed.

Section 04: FIRST AID MEASURES

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

INGESTION: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

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Section 05: FIRE FIGHTING MEASURES

Flash Point (PMCC): > 102° C (Cleveland Open Cup)
Flammability: N/D
Autoignition Temp.: N/D
Extinguishing media: Dry chemical, water, foam, CO₂
Special fire fighting procedures: Firefighters should wear full protective clothing including MSHA/NIOSH approved, self-contained breathing apparatus.
Unusual fire & explosion hazard: N/A

Section 06: ACCIDENTAL RELEASE MEASURES

Spill/leak procedure: Isolate spill or leak area immediately. Floor may become slippery. Wear appropriate protective gear and respiratory protection where mist or vapors of unknown concentration may be generated. Dike and contain spill with inert material (sand, earth, ...) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

Section 07: HANDLING & STORAGE

Handling: Avoid contact with eyes. Avoid breathing vapors or mist of this product. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.
Storage: Keep container tightly closed and in a cool, well-ventilated place. Keep from freezing and away from high heat, flames or other ignition sources.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection: None required if good ventilation is maintained. For mist or vapor, wear NIOSH approved respirator.
Eye protection: Splash proof safety goggles.
Gloves: Rubber or neoprene.
Protective clothing: Impervious apron, faceshield.
Other precautions: Eye wash station; safety shower; protective clothing to prevent skin contact.

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Section 09: PHYSICAL & CHEMICAL PROPERTIES

Boiling Point: N/D
pH (10% Solution): 8 (*/- 0.5)
Vapor Pressure: N/D
Vapor Density (air=1): N/D
% volatile by weight: > 90%
Specific Gravity (H₂O=1): 0.9992 (8.34 lbs./gal.)
Solubility in Water: Soluble
Evaporation rate: N/D
Appearance: Colorless to light straw in color
Odor: Ethanolic

Section 10: REACTIVITY DATA

Product stability: Stable
Conditions to avoid: Keep away from strong oxidizing agents.
Chemical incompatibility: Strong oxidizers or reducing agents
Hazardous decomposition products: Toxic hydrogen chloride fumes, oxides of carbon and nitrogen.
Hazardous polymerization: Will not occur
Corrosive to metal?: Mild
Oxidizer?: NO

Section 11: TOXICOLOGICAL INFORMATION

Acute oral LD₅₀: > 5,000 mg/Kg in rats
Acute dermal LD₅₀: > 2,000 mg/Kg in rats
Primary skin: Not an irritant
Primary eye: Mildly irritating
Other: This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Section 12: ECOLOGICAL INFORMATION

Toxicity data: Components of this product are hazardous to aquatic life. This is an EPA registered pesticide. This material can only be used for the EPA registered application noted on the product label.

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Section 13: DISPOSAL CONSIDERATIONS

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL

Pesticide disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use, according to label instructions, contact your State pesticide or Environmental Control Agency, or the hazardous Waste representative at the nearest EPA regional office for guidance.

Container disposal: Triple rinse empty container, puncture and dispose of in sanitary landfill, or by incineration, or if allowed by State law and local authorities, by burning. If burned, stay out of smoke.

Section 14: TRANSPORT INFORMATION

DOT shipping name: Cleaning compound, n.o.s.
DOT hazard class: N/A
UN number: N/A
ERG guide: N/A

Section 15: REGULATORY INFORMATION

WHMIS Classification: N/A

CPR Compliance: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

TSCA: This product is considered a pesticide, and therefore excluded from the United States TSCA regulations.

NFPA:

Health	1
Fire	0
Reactivity	0

Section 16: OTHER INFORMATION

MSDS PREPARATION

Prepared by: T.C.

Orig. Prep. Date: 2/16/01
