

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

HMIS	
Health	3
Fire Hazard	2
Reactivity	0
Personal Protection	X

FIRE SOAPSTM FABRIC SANITIZER

MATERIAL SAFETY DATA SHEET

Emergency Phone: 1.800.424.9300
Non-Emergency Phone: 1.718.502.9577

Last Revision Date: 11/14/11
Print Date: 3/29/2013

Section 01: PRODUCT IDENTIFICATION

PRODUCT CODE: 70190
PRODUCT NAME: Fire SoapsTM Fabric Sanitizer
FORMULA: N/A
CHEMICAL FAMILY: Quaternary Ammonium Compounds
U.S. EPA #: 7048-08
CANADIAN P.C.P. #: 24219

Section 02: COMPOSITION/ INFORMATION ON INGREDIENTS

	<u>Weight</u>	<u>TWA/TLV</u>	<u>CAS Number</u>
Didecyl dimethyl ammonium chloride	50.0%	ND	7173-51-5
Ethanol	< 10%	1000 ppm	64-17-5

Section 03: HAZARDS IDENTIFICATION

INHALATION: May cause severe irritation of respiratory tract. Permanent damage may result if not treated promptly.
SKIN: CORROSIVE. May cause severe irritation.
EYES: CORROSIVE. May cause severe eye damage. Permanent damage may result if not treated promptly.
INGESTION: TOXIC. May cause severe irritation and damage to the digestive tract. MAY BE FATAL.

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): 130°F (54.4°C) PMCC
Flammability: Combustible
Autoignition Temp.: N/D
Extinguishing media: Dry chemical, water, foam, CO₂
Special fire fighting procedures: Treat as a combustible liquid. Cool fire exposed containers with spray, must wear MSHA/NIOSH approved, self-contained breathing apparatus.
Unusual fire & explosion hazard: Explosive mixtures can form with air. Combustion products are toxic. Solvents vapor can travel to an ignition source and flash back.

Section 06: ACCIDENTAL RELEASE MEASURES

Spill/leak procedure: Danger. Corrosive material. Product is combustible. Remove all sources of ignition and ground all equipment before use. 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: Do not store on side. Avoid creasing or impacting of side walls. 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): 6 – 8
Vapor Pressure: N/D
Vapor Density (air=1): Heavier than air
% volatile by weight: 50%
Specific Gravity (H₂O=1): 0.91 - 0.94
Molecular Weight: 361
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: N/A
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?: YES
Oxidizer?: NO

Section 11: TOXICOLOGICAL INFORMATION

Acute oral LD₅₀: 580 mg/Kg for male & females combined
Acute dermal LD₅₀: > 2,000 mg/Kg
Primary skin: Severe irritant. CORROSIVE
Primary eye: CORROSIVE
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: Disinfectant, Liquid, Corrosive NOS (Quaternary Ammonium Compound), 8, UN1903, PG II.
DOT hazard class: Corrosive 8
UN number: UN1903
ERG guide: ERG 153

Section 15: REGULATORY INFORMATION

WHMIS Classification: B3, D1B, E
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 3
Fire 2
Reactivity 0

Section 16: OTHER INFORMATION

MSDS PREPARATION

Prepared by: T.C.

Orig. Prep. Date: 2/16/01