

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION	
<b>NFPA Rating:</b> Health-2; Flammability-0; Reactivity-0; Special- - <b>Manufacturer's Name:</b> LYN DISTRIBUTING <b>Address:</b> 965 North Redwood Road North Salt Lake, Utah 84010	<b>HMIS Rating:</b> Health-2; Flammability-0; Reactivity-0; Personal Protection B- <b>DOT Hazard Classification:</b> Corrosive Material, 8 <b>Identity (trade name as used on label):</b> SPRAY FRESH DISINFECTANT
<b>Date Prepared:</b> 05/03/96 <b>Prepared By:</b> STAN	<b>MSDS Number:</b> Revision - 2
<b>Information Calls:</b> (801)295-5022 <b>EMERGENCY RESPONSE NUMBER:</b> 1(800)366-5022	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION					
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
SODIUM METASILICATE	683-49-20	No	N/E	N/E	d
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68391-01-5	No	N/E	N/E	d
ALKYL DIMETHYL ETHYL BENZYL AMMONIUM CHLORIDE	68956-79-6	No	N/E	N/E	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
<b>Boiling Point:</b> 212°F	<b>Specific Gravity (H<sub>2</sub>O=1):</b> 1.04
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A	<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/D
<b>Vapor Density (Air = 1):</b> N/D	<b>Evaporation Rate (water = 1):</b> 1.0
<b>Solubility in Water:</b> Miscible	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Water based clear, yellow / red/ green, non-viscous liquid with fragrance.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A	<b>Auto Ignition Temperature</b> N/A	<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/A      % UEL: N/A
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> Non-combustible		<b>EXTINGUISHER MEDIA:</b> Non-combustible. Use media compatible with surrounding fire.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Non-combustible. Use techniques applicable to surrounding fire.		
<b>Unusual Fire &amp; Explosion Hazards:</b> Can react with aluminum to liberate hydrogen gas. If heated to decomposition, may liberate oxides of sulfur, SO <sub>x</sub> & other unidentified noxious fumes.		

SECTION 4 - REACTIVITY HAZARD DATA	
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT    OCCUR
<b>Incompatibility (Mat. to avoid):</b> Avoid contact with aluminum surfaces.	<b>Conditions to Avoid:</b> None known.
<b>Hazardous Decomposition Products:</b> If heated to decomposition, may liberate oxides of sulfur, SO <sub>x</sub> & other unidentified noxious fumes.	

SECTION 5 - HEALTH HAZARD DATA	
<b>PRIMARY ROUTES OF ENTRY:</b> <input type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
<b>ACUTE EFFECTS:</b> Corrosive action on all body tissues.	
<b>Inhalation:</b> Highly irritating to respiratory tract & mucous membranes. Prolonged contact may result in tissue damage and/or destruction.	
<b>Eye Contact:</b> Highly irritating. May result in tissue damage and/or destruction. <b>Skin Contact:</b> Highly irritating. May result in tissue damage and/or destruction.	
<b>Ingestion:</b> Highly irritating. May result in tissue damage and/or destruction.	
<b>CHRONIC EFFECTS:</b> Repeated tissue damage may result in accumulation of scar tissue.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> Any irritated tissue present may be further irritated by exposure.	

EMERGENCY FIRST AID PROCEDURES	
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritation persists, get medical attention.	
<b>Skin Contact:</b> Wash with soap and water. If irritation persists, get medical attention.	
<b>Inhalation:</b> Remove to fresh air. If irritation persists or other respiratory symptoms develop get medical attention.	
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink solution of vinegar & water followed by clear water. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
<b>Respiratory Protection (specify type):</b> None required.	
<b>Protective Gloves:</b> Rubber, if desired.	<b>Eye Protection:</b> Goggles or face shield.
<b>Ventilation Requirements:</b> None required.	
<b>Other Protective Clothing &amp; Equipment:</b> Rubber boots & apron, if desired, eyewash stations and safety showers.	
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash hands after handling.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Do not drain into sewers or surface waters. Soak up in absorbent material & seal in properly labeled non-leaking containers for proper authorized hazardous waste disposal.	
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulations.	
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from freezing.	
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Read & follow label directions.	

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*  
 \*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only