

# 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-1; 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-1; Flammability-0; Reactivity-0; Personal Protection-B <b>DOT Hazard Classification:</b> Corrosive Material, 8 <b>Identity</b> (trade name as used on label): CONTAIN DISINFECTANT
<b>Date Prepared:</b> 05/10/97 <b>Prepared By:</b> STAN <b>Information Calls:</b> (801)295-5022 <b>EMERGENCY RESPONSE NUMBER:</b> 1(800)366-5022	<b>MSDS Number:</b> Revision - 3 <b>NOTICE:</b> 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 **
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> 100°C	<b>Specific Gravity</b> (H <sub>2</sub> O=1): 1.04
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A	<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): N/D
<b>Vapor Density</b> (Air = 1): N/D	<b>Evaporation Rate</b> ( water = 1): 1
<b>Solubility in Water:</b> Miscible	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Clear, non-viscous water based liquid with characteristic odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/A	Flammability Limits in Air by % in Volume: % LEL: N/A      % UEL: N/A
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): None (water based).	<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Heating product to dryness & decomposition in a fire can liberate noxious & toxic fumes. Firefighters should wear NIOSH approved supplied atmosphere breathing apparatus.	
<b>EXTINGUISHER MEDIA:</b> Non-combustible. Use media applicable to surrounding fire.		
<b>Unusual Fire &amp; Explosion Hazards:</b> Decomposition & oxidation of product in a fire can liberate noxious and/or toxic fumes. See Section #4.		

SECTION 4 - REACTIVITY HAZARD DATA	
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE <b>Incompatibility</b> (Mat. to avoid): Aluminum metal, anionic surfactants, acids.	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT    OCCUR <b>Conditions to Avoid:</b> Excessive heat or cold.
<b>Hazardous Decomposition Products:</b> Oxides of carbon, nitrogen, hydrogen chloride, unidentified organic compounds.	

SECTION 5 - HEALTH HAZARD DATA	
<b>PRIMARY ROUTES OF ENTRY:</b> <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	

<b>ACUTE EFFECTS</b>	
<b>Inhalation:</b> Mists of product can cause irritation to mucous membranes.	<b>Skin Contact:</b> Repeated contact can cause severe irritation.
<b>Eye Contact:</b> Can cause severe eye irritation, possibly damage.	
<b>Ingestion:</b> Toxic effects: Burning pain in mouth, throat, abdomen, swelling of larynx. Skeletal muscle paralysis, circulatory shock, convulsions.	
<b>CHRONIC EFFECTS:</b> None known.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> Pre-existing irritation of skin and mucous membranes.	

EMERGENCY FIRST AID PROCEDURES	
<b>Eye Contact:</b> Flush with water for 15 minutes. Get medical attention.	
<b>Skin Contact:</b> Flush with water for at least 15 minutes.	
<b>Inhalation:</b> Remove to fresh air.	
<b>Ingestion:</b> <b>DO NOT INDUCE VOMITING.</b> Drink 3 to 4 glasses of water or large quantity of milk, egg whites or gelatin solution. Get immediate medical attention.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES	
<b>Respiratory Protection (specify type):</b> None normally needed.	
<b>Protective Gloves:</b> Rubber or plastic.	<b>Eye Protection:</b> Safety glasses or chemical goggles.
<b>Ventilation Requirements:</b> Normal room ventilation is adequate.	
<b>Other Protective Clothing &amp; Equipment:</b> Clothing as needed to minimize contact. Eyewash station and safety shower.	
<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> Contain spill. Keep out of sewers & open bodies of water. Soak up spill in inert absorbent material. Place in leak-proof containers. Seal & label properly for 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 extreme heat and cold.	
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> 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