

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	
NFPA Rating: Health-3; Flammability-0; Reactivity-0; Special- - Manufacturer's Name: LYN DISTRIBUTING Address: 965 No. Redwood Road No. Salt Lake, Utah 84054	HMIS Rating: Health-3; Flammability-0; Reactivity-0; Personal Protection-B DOT Hazard Classification: Corrosive Material, 8 Identity (trade name as used on label): DQ-10 LIQUID DISINFECTANT & SANITIZER
Date Prepared: 09/10/96 Prepared By: S.H. Information Calls: (801)295-5022 EMERGENCY RESPONSE NUMBER: 1(800)366-5022	MSDS Number: DIS-099-11 Revision - 6 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 **
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68391-01-5	No	N/E	N/E	d
ETHYL ALCOHOL	64-17-5	No	1000	1000	d
N-ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDES	68956-79-6	No	N/E	N/E	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
Boiling Point: 100°C Vapor Pressure: PSIG @ 70°F (Aerosols): N/A Vapor Density (Air = 1): N/D Solubility in Water: Miscible Appearance and Odor: Clear, colorless, non-viscous water based liquid with characteristic odor.	Specific Gravity (H2O=1): 1.00 Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/D Evaporation Rate (water = 1): 1 Water Reactive: No

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA	
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A FLASH POINT AND METHOD USED (non-aerosols): None (water based). EXTINGUISHER MEDIA: Use media applicable to surrounding fire.	Auto Ignition Temperature N/A Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A SPECIAL FIRE FIGHTING PROCEDURES: Product is not combustible, but if heated to decomposition in a fire it can liberate toxic fumes. If so, firefighters should wear supplied air respirator. See Section #4.
Unusual Fire & Explosion Hazards: If heated to decomposition in a fire, this product can liberate toxic fumes. See Section #4.	

SECTION 4 - REACTIVITY HAZARD DATA	
STABILITY <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE Incompatibility (Mat. to avoid): Strong oxidizing or reducing agents.	HAZARDOUS POLYMERIZATION <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR Conditions to Avoid: Temperatures above 140°F.
Hazardous Decomposition Products: Oxides of carbon, nitrogen, hydrogen chloride, unidentified organic compounds.	

SECTION 5 - HEALTH HAZARD DATA	
PRIMARY ROUTES OF ENTRY: <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
ACUTE EFFECTS Inhalation: Mists of product can cause irritation to mucous membranes. Eye Contact: Direct contact can cause severe irritation, possibly damage. Ingestion: Immediate burning pain in mouth, throat, abdomen, severe swelling of larynx. Skeletal muscle paralysis, circulatory shock, convulsions.	
CHRONIC EFFECTS: None known. Medical Conditions Generally Aggravated by Exposure: Dermatitis, bronchitis, conjunctivitis, sinusitis.	

EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention. Skin Contact: Wash thoroughly with soap and water. Inhalation: Remove to fresh air. Ingestion: DO NOT INDUCE VOMITING. 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	
Respiratory Protection (specify type): None normally needed. Protective Gloves: Rubber Ventilation Requirements: Normal room ventilation is adequate. Other Protective Clothing & Equipment: Clothing as needed to minimize contact. Eyewash station and safety shower.	Eye Protection: Safety glasses or chemical goggles.
Hygienic Work Practices: Do not eat, drink or smoke in work area. Wash hands after handling.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps To Be Taken If Material Is Spilled Or Released: Contain spill. Do not contaminate sewers, surface waters or ground waters. Soak up spill in inert absorbent material. Place in leak-proof containers. Seal & label properly for disposal.	
Waste Disposal Methods: Dispose of in accordance with all local, state and federal regulations.	
Precautions To Be Taken In Handling & Storage: Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from freezing.	
Other Precautions &/or Special Hazards: 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