

MATERIAL SAFETY DATA SHEET

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

IDENTITY AND DISTRIBUTOR'S INFORMATION						
NFPA Rating: Health-2; Flammability-0; Reactivity-0; Special- -			HMIS Rating: Health-2; Flammability-0; Reactivity-0; Personal Protection-B			
Manufactured For: UNISOURCE WORLDWIDE, INC.			DOT Hazard Classification: NON-REGULATED			
Address: 6600 Governors Lake Parkway			Identity (trade name as used on label):			
Address: Norcross, GA 30071			ALLSTAR LEM-O-QUAT (U14826, U14827, U14828)			
Phone: 800-UNISOURCE			MSDS Number: B00259 Revision - 2			
Emergency Response Number: 1-888-660-6737			Date Prepared: 05/02 Prepared By: DP/IB			
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA			Information Calls: (770)422-2071			
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 **
DIDECYL DIMETHYL AMMONIUM CHLORIDE		7173-51-5	No	N/E	N/E	d
N-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE		8001-54-5	No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: <212°F			Specific Gravity (H2O=1): 1.0			
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A			Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): <17mm Hg @ 20C			
Vapor Density (Air = 1): N/D			Evaporation Rate (water = 1): 1			
Solubility in Water: Soluble			Water Reactive: No			
Appearance and Odor: Clear yellow liquid with citrus / lemon fragrance.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A		Auto Ignition Temperature N/D		Flammability Limits in Air by % in Volume: % LEL: N/D % UEL: N/D		
FLASH POINT AND METHOD USED (non-aerosols): >200°F TCC		SPECIAL FIRE FIGHTING PROCEDURES: When heated to decomposition in a fire, product may liberate trace amounts of noxious and/or toxic fumes. See Section #4.				
EXTINGUISHER MEDIA: Water spray or fog, foam, dry chemical or CO2. Do not use direct water stream.						
Unusual Fire & Explosion Hazards: Thermal decomposition may release trace amounts of HCl. See section #4.						
SECTION 4 - REACTIVITY HAZARD DATA						
STABILITY [X] STABLE [] UNSTABLE		HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR				
Incompatibility (Mat. to avoid): Strong oxidizers, anionic surfactants.		Conditions to Avoid: None known.				
Hazardous Decomposition Products: CO, CO2, oxides of nitrogen and trace amounts of HCl.						
SECTION 5 - HEALTH HAZARD DATA						
PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS						
ACUTE EFFECTS:						
Inhalation: Inhalation of spray or mist may cause irritation of respiratory tract tissues.						
Eye Contact: Moderate to severe irritation, depending on quantity & duration of contact.			Skin Contact: Prolonged or repeated contact may cause irritation.			
Ingestion: Moderate to severe irritation of gastrointestinal tract tissues. Toxic effects unlikely.						
CHRONIC EFFECTS: None known.						
Medical Conditions Generally Aggravated by Exposure: Pre-existing irritation of skin or mucous membranes.						
EMERGENCY FIRST AID PROCEDURES						
Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.						
Skin Contact: Remove contaminated clothing. Wash with soap and water. If irritation persists, get medical attention.						
Inhalation: Remove to fresh air. Provide oxygen if breathing is difficult. Get medical attention.						
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 needed under normal conditions of handling and usage.						
Protective Gloves: Rubber or nitrile gloves recommended.			Eye Protection: Safety glasses or goggles.			
Ventilation Requirements: Special ventilation is not needed under normal conditions of handling and usage.						
Other Protective Clothing & Equipment: Clothing as required to minimize skin contact. Eyewash station and safety shower.						
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. Keep out of surface waters & any sewers or water courses entering or leading to surface waters. Soak up with inert absorbent & place in properly labeled leak-proof containers 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 away from heat, open flames & oxidizing materials. Keep closed when not in use.						
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