

# 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						
<b>NFPA Rating:</b> Health-2; Flammability-0; Reactivity-0; Special- - <b>Manufactured For:</b> UNISOURCE WORLDWIDE, INC. <b>Address:</b> 6600 Governors Lake Pkwy. Norcross, GA 30071		<b>HMIS Rating:</b> Health-2; Flammability-0; Reactivity-0; Personal Protection-B <b>DOT Hazard Classification:</b> CORROSIVE LIQUID, NOS 8 (When inner container is 1 gallon or smaller: Consumer Commodity, ORM-D) <b>Identity</b> (trade name as used on label): <b style="text-align: center;">ALLSTAR ACTION-D</b> <b style="text-align: center;">(U17478, U17644, U17645, U17647)</b>				
<b>Phone:</b> 800-UNISOURCE <b>Emergency Response Number:</b> 1-888-660-6737		<b>MSDS Number:</b> B00253      Revision - 1 <b>Date Prepared:</b> 04/02      Prepared By: DP(GP)/IB <b>Information Calls:</b> (770)422-2071				
<b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>						
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
<b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b> (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		68424-85-1	No	N/E	N/E	d
OCTYL DECYL DIMETHYL AMMONIUM CHLORIDE		68424-95-3	No	N/E	N/E	d
DIDECYL DIMETHYL AMMONIUM CHLORIDE		7173-51-5	No	N/E	N/E	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> Approximately 212°F		<b>Specific Gravity</b> (H <sub>2</sub> O=1): 1.03				
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A		<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): <17mm Hg @ 20C				
<b>Vapor Density</b> (Air = 1): N/D		<b>Evaporation Rate</b> ( water = 1): 1				
<b>Solubility in Water:</b> Soluble		<b>Water Reactive:</b> No				
<b>Appearance and Odor:</b> Clear, green liquid with floral scent.						
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/D		<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/D      % UEL: N/D		
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): >200°F TCC		<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> When heated to decomposition in a fire, product may liberate trace amounts of noxious and/or toxic fumes. See Section #4.				
<b>EXTINGUISHER MEDIA:</b> Water spray or fog, foam, dry chemical or CO <sub>2</sub> . Do not use direct water stream.		<b>Unusual Fire &amp; Explosion Hazards:</b> Thermal decomposition may release trace amounts of HCl. See section #4.				
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE		<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR				
<b>Incompatibility</b> (Mat. to avoid): Strong oxidizers & anionic surfactants.		<b>Conditions to Avoid:</b> None known.				
<b>Hazardous Decomposition Products:</b> CO, CO <sub>2</sub> , oxides of nitrogen and trace amounts of HCl.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> [ ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS						
<b>ACUTE EFFECTS:</b>						
<b>Inhalation:</b> Inhalation of spray or mist may cause irritation of respiratory tract tissues.						
<b>Eye Contact:</b> Direct contact can cause severe irritation, possibly damage.		<b>Skin Contact:</b> Prolonged or repeated contact can cause severe irritation and dermatitis.				
<b>Ingestion:</b> Moderate to severe irritation of gastrointestinal tract tissues. Toxic effects unlikely.						
<b>CHRONIC EFFECTS:</b> None known.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> Pre-existing irritation of skin or mucous membranes.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritation persists, get medical attention.						
<b>Skin Contact:</b> Remove contaminated clothing. Wash with soap and water. If irritation persists, get medical attention.						
<b>Inhalation:</b> Remove to fresh air. Provide oxygen if breathing is difficult. Get medical attention.						
<b>Ingestion:</b> 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						
<b>Respiratory Protection (specify type):</b> None needed under normal conditions of handling and usage.						
<b>Protective Gloves:</b> Rubber or nitrile gloves recommended.		<b>Eye Protection:</b> Safety glasses or goggles.				
<b>Ventilation Requirements:</b> Special ventilation is not needed under normal conditions of handling and usage.						
<b>Other Protective Clothing &amp; Equipment:</b> Clothing as required to minimize skin 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 surface waters & any sewers or watercourses entering or leading to surface waters. Soak up with inert absorbent & place in properly labeled leak-proof containers 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 away from heat, open flames & oxidizing materials. Keep closed when not in use.						
<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