

# 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- COR  |  |   | <b>HMIS Rating:</b> Health-2; Flammability-0; Reactivity-0; Personal Protection-B  |  |                 |                           |
| Manufactured For: <b>UNISOURCE WORLDWIDE, INC.</b><br>Address: 6600 Governors Lake Pkwy<br>Address: Norcross, GA 30071  |  |   | <b>DOT Hazard Classification:</b><br>CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8<br>(PG II: This product remains fully regulated when inner container size is greater than one quart.)<br><b>Identity</b> (trade name as used on label):<br><b>ALLSTAR LIBERATE (U17732, U17733, U17735, U17736)</b> |  |                 |                           |
| Phone: <b>800-UNISOURCE</b>   |  |   | MSDS Number: B00328 Revision - 9   |  |                 |                           |
| Emergency Response Number: 1-888-660-6737   |  |   | Date Prepared: 08/12/02 Prepared By: IB  |  |                 |                           |
| <b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>  |  |   | Information Calls: (770)422-2071   |  |                 |                           |
| SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION   |  |   |  |  |                 |                           |
| <b>COMPONENTS-CHEMICAL NAMES AND COMMON NAMES</b><br>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)  |  | CAS Number                              | SARA III LIST  | OSHA PEL (ppm)   | ACGIH TLV (ppm) | Carcinogen Ref. Source ** |
| <b>TRISODIUM PHOSPHATE DODECAHYDRATE</b>  |  | 10101-89-0                              | No   | 5mg/m3   | 5mg/m3          | d                         |
| <b>2-BUTOXYETHANOL</b>  |  | 111-76-2                                | Yes*   | 25(skin)   | 25(skin)        | d                         |
| *Glycol ether   |  |   |  |  |                 |                           |
| SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS   |  |   |  |  |                 |                           |
| <b>Boiling Point:</b> >212°F  |  |   | <b>Specific Gravity</b> (H2O=1): 1.00  |  |                 |                           |
| <b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A  |  |   | <b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): <17 @20°C   |  |                 |                           |
| <b>Vapor Density</b> (Air = 1): N/D   |  |   | <b>Evaporation Rate</b> (water = 1): >1.0  |  |                 |                           |
| <b>Solubility in Water:</b> Soluble   |  |   | <b>Water Reactive:</b> No  |  |                 |                           |
| <b>Appearance and Odor:</b> Clear, red liquid with butyl odor.  |  |   |  |  |                 |                           |
| SECTION 3 - FIRE AND EXPLOSION HAZARD DATA  |  |   |  |  |                 |                           |
| <b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols)<br>N/A  |  | <b>Auto Ignition Temperature</b><br>N/A |  | <b>Flammability Limits in Air by % in Volume:</b><br>% LEL: N/A % UEL: N/A |                 |                           |
| <b>FLASH POINT AND METHOD USED</b> (non-aerosols): None   |  |   | <b>EXTINGUISHER MEDIA:</b> Product is not considered combustible.  |  |                 |                           |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> None identified.   |  |   |  |  |                 |                           |
| <b>Unusual Fire &amp; Explosion Hazards:</b> None identified.   |  |   |  |  |                 |                           |
| 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): Bare or reactive metals. Strong oxidizers, strong acids.  |  |   | <b>Conditions to Avoid:</b> Exposure to bare or reactive metals.   |  |                 |                           |
| <b>Hazardous Decomposition Products:</b> CO, CO2, oxides of sulfur, phosphorus, nitrogen and unidentified organic compounds.  |  |   |  |  |                 |                           |
| SECTION 5 - HEALTH HAZARD DATA  |  |   |  |  |                 |                           |
| <b>PRIMARY ROUTES OF ENTRY:</b> [ ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS  |  |   |  |  |                 |                           |
| <b>ACUTE EFFECTS:</b> Highly irritating to 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. Prolonged contact may result in tissue damage and/or destruction.  |  |                 |                           |
| <b>Ingestion:</b> Highly irritating. Prolonged contact may result in tissue damage and/or destruction.  |  |   |  |  |                 |                           |
| <b>CHRONIC EFFECTS:</b> Repeated tissue damage may result in accumulation of scar tissue. Lab animals have experienced anemia, liver, kidney, lung, and blood damage to 2-butoxyethanol.                    |  |   |  |  |                 |                           |
| <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> Irrigate with water for 15 minutes. Get medical attention.  |  |   |  |  |                 |                           |
| <b>Skin Contact:</b> Wash off & rinse thoroughly with water. If irritation persists or ulceration develops get immediate medical attention.   |  |   |  |  |                 |                           |
| <b>Inhalation:</b> Move to fresh air. If irritation persists or other respiratory symptoms develop, get immediate medical attention.  |  |   |  |  |                 |                           |
| <b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.   |  |   |  |  |                 |                           |
| SECTION 6 - CONTROL AND PROTECTIVE MEASURES   |  |   |  |  |                 |                           |
| <b>Respiratory Protection (specify type):</b> None required under typical use. However, if TLV is exceeded, respirator approved by NIOSH for organic vapor.   |  |   |  |  |                 |                           |
| <b>Protective Gloves:</b> Rubber, if desired.   |  |   | <b>Eye Protection:</b> Goggles or face shield.   |  |                 |                           |
| <b>Ventilation Requirements:</b> Local exhaust. Adequate ventilation to keep vapor concentration below TLV.   |  |   |  |  |                 |                           |
| <b>Other Protective Clothing &amp; Equipment:</b> Boots & splash apron, if desired. Eyewash station and safety shower.  |  |   |  |  |                 |                           |
| <b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash hands after handling. Remove contaminated clothing.   |  |   |  |  |                 |                           |
| SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE   |  |   |  |  |                 |                           |
| <b>Steps To Be Taken If Material Is Spilled Or Released:</b> Contain spill. 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. Protect from extreme heat and cold. Store in dry area.                        |  |   |  |  |                 |                           |
| <b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Do not allow product to contaminate food.   |  |   |  |  |                 |                           |

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