Chemical Name: Glass and Reflective Surface Cleaner

Manufacturer: Allstar

Container size: 1 gallon

Location: VLA

Disposal: Place empty container in trash.

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-1; Flammability-0; Reactivity-0; Special- -	**HMIS Rating:** Health-1; Flammability-0; Reactivity-0; Personal Protection-B
Manufactured For: **Unisource Worldwide, INC.** Address: 6600 Governors Lake Pkwy Norcross, Ga 30071	**DOT Hazard Classification:** NON-REGULATED **Identity** (trade name as used on label)**:** **ALLSTAR BLUE-X AMMONIATED GLASS CLEANER RTU (U17956, U17957, U17958)**
Phone: 1-800-UNISOURCE	**MSDS Number:** B00121 Revision - 5
EMERGENCY RESPONSE NUMBER: 1(888) 660-6737 **NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA**	Date Prepared: 07/01/02 Prepared By: IB/TR **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 **
2-BUTOXYETHANOL *	111-76-2	Yes*	25(skin)	25(skin)	d
***Glycol ether**					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Est. 212ºF	**Specific Gravity** (H2O=1): 0.995
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	**Vapor Pressure** (Non-Aerosols)(mm Hg and Temperature): N/D
Vapor Density (Air = 1): N/D	**Evaporation Rate** (water = 1): Not known
Solubility in Water: Miscible	**Water Reactive:** No

Appearance and Odor: Clear, blue liquid with light floral fragrance hinted with glycol ether and slight ammonia odor.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature None	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A

FLASH POINT AND METHOD USED (non-aerosols): None to boiling (TCC) **EXTINGUISHER MEDIA:** Use media compatible with surrounding fire.	**SPECIAL FIRE FIGHTING PROCEDURES:** Use procedures applicable to surrounding fire.

Unusual Fire & Explosion Hazards: None known.

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [ ] UNSTABLE	**HAZARDOUS POLYMERIZATION** [ ] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizing agents.	**Conditions to Avoid:** None

Hazardous Decomposition Products: Oxides of carbon, unidentified organic compounds.

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [X] INGESTION [ ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS

ACUTE EFFECTS: SYSTEMIC OVEREXPOSURE: Headache, dizziness, nausea, incoordination, drowsiness & loss of consciousness.

Inhalation: Extremely high concentrations of vapor, mist or liquid contact can irritate respiratory tract & may cause bronco-pneumonia or pulmonary edema.	
Eye Contact: Liquid or vapor contact can cause irritation.	**Skin Contact:** Prolonged or repeated contact can cause dryness & irritation.

Ingestion: May cause nausea, vomiting & abdominal pain. If vomiting occurs, aspiration of vomitus into lungs can cause bronco-pneumonia or pulmonary edema.

CHRONIC EFFECTS: None known.

Medical Conditions Generally Aggravated by Exposure: May add to pre-existing irritation.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes holding lids open. Get medical attention.

Skin Contact: Remove contaminated clothing. Wash with soap and water. If persistent irritation occurs, get medical attention.

Inhalation: Remove to fresh air and provide oxygen or artificial respiration if needed. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): None generally needed under normal handling and use conditions.

Protective Gloves: Rubber or PVC.	**Eye Protection:** Safety glasses or chemical goggles.

Ventilation Requirements: Not generally needed under normal handling and use conditions. If needed, use explosion-proof ventilation.

Other Protective Clothing & Equipment: Clothing as needed to prevent 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: Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Contain spill. Soak up in an inert absorbent & place in leak-proof containers. Seal containers & label properly for legal 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. Protect from extreme heat and cold.

Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN.

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

THIS MSDS IS CURRENT AS OF October 17, 2005. The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at the manufacturer by these date codes and therefore must remain as the originating date.