

# 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	
<b>NFPA Rating:</b> Health-1; Flammability-2; Reactivity-0; Special- -	<b>HMIS Rating:</b> Health-1; Flammability-2; Reactivity-0; Personal Protection-B
Manufactured For: <b>UNISOURCE WORLDWIDE, INC.</b>	<b>DOT Hazard Classification:</b> NON-REGULATED
Address: 133 Peachtree St. NE.	(when shipped via DOMESTIC GROUND ONLY in containers less than 110 gals)
Address: Atlanta, GA 30303	<b>For ocean vessel or air transport:</b> Flammable Liquid, 3
	<b>Identity (trade name as used on label):</b>
	<b>ALLSTAR AMMONIATED TWENTY TO ONE CONCENTRATED WINDOW CLEANER (U17965)</b>

Phone: <b>800-UNISOURCE</b>	<b>MSDS Number:</b> B00122	<b>Revision - 5</b>
Emergency Response Number: 1-888-660-6737	Date Prepared: 05/02	Prepared By: IB
<b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>	<b>Information Calls: (404)422-2071</b>	

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 **
ISOPROPANOL	67-63-0	No	400	400	d
AMMONIUM HYDROXIDE	1336-21-6	No	35	25	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS	
<b>Boiling Point:</b> Approximately 212°F	<b>Specific Gravity (H2O=1):</b> 0.97
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A	<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/D
<b>Vapor Density (Air = 1):</b> N/D	<b>Evaporation Rate (water = 1):</b> Not known
<b>Solubility in Water:</b> Completely	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Clear, blue liquid with ammonia odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA		
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A	<b>Auto Ignition Temperature:</b> None	<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/A % UEL: N/A
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> 106-112°F (TCC)	<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Cool containers with water to prevent rupturing. Use procedures applicable to surrounding fire.	
<b>EXTINGUISHER MEDIA:</b> CO2, dry chemical, foam, water fog.		
<b>Unusual Fire &amp; Explosion Hazards:</b> None known.		

SECTION 4 - REACTIVITY HAZARD DATA	
<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility (Mat. to avoid):</b> Strong oxidizing agents.	<b>Conditions to Avoid:</b> None
<b>Hazardous Decomposition Products:</b> Oxides of carbon and nitrogen.	

SECTION 5 - HEALTH HAZARD DATA	
<b>PRIMARY ROUTES OF ENTRY:</b> <input type="checkbox"/> INHALATION <input type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
<b>ACUTE EFFECTS:</b>	
<b>Inhalation:</b> Extremely high concentrations of vapor, mist or liquid contact can irritate respiratory tract.	<b>Skin Contact:</b> Prolonged or repeated contact can cause dryness & irritation.
<b>Eye Contact:</b> Liquid or vapor contact can cause irritation.	
<b>Ingestion:</b> May cause nausea, vomiting & abdominal pain.	
<b>CHRONIC EFFECTS:</b> None known.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> Pre-existing dermatitis or compromised respiratory conditions.	

EMERGENCY FIRST AID PROCEDURES	
<b>Eye Contact:</b> Flush with water for 15 minutes holding lids open. Get medical attention.	
<b>Skin Contact:</b> Remove contaminated clothing. Flush thoroughly with water. If persistent irritation occurs, get medical attention.	
<b>Inhalation:</b> Remove to fresh air and provide oxygen or artificial respiration if needed. Get 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 generally needed under normal handling and use conditions.	<b>Eye Protection:</b> Safety glasses or chemical goggles.
<b>Protective Gloves:</b> Rubber or PVC.	
<b>Ventilation Requirements:</b> Not generally needed under normal handling and use conditions.	
<b>Other Protective Clothing &amp; Equipment:</b> 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. Soak up in an inert absorbent.	
<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. Keep away from sources of ignition.	
<b>Other Precautions &amp;/or Special Hazards:</b> 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