

# 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-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> Address: 6600 Governors Lake Pkwy Norcross, Ga. 30071		<b>DOT Hazard Classification:</b> NON-REGULATED (when shipped via DOMESTIC GROUND ONLY in containers less than 110 gals) <b>For ocean vessel or air transport:</b> Flammable Liquid, 3 <b>Identity</b> (trade name as used on label): <b>ALLSTAR WHIRL WIND HEAVY DUTY GLASS CLEANER (U15037, U15038)</b>			
Phone: <b>800-UNISOURCE</b>		<b>MSDS Number:</b> B00128		Revision - 1	
Emergency Response Number: 1-888-660-6737		Date Prepared: 04/02		Prepared By: IB	
<b>NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA</b>					
<b>SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION</b>					
<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 **
<b>ISOPROPYL ALCOHOL</b>	67-63-0	No	400 ppm	400 ppm	d
<b>2-BUTOXYETHANOL</b>	111-76-2	Yes*	25(skin)	25(skin)	d
<b>*Glycol ether</b>					
<b>SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS</b>					
<b>Boiling Point:</b> <212°F		<b>Specific Gravity</b> (H2O=1): 0.98			
<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, red liquid with alcohol-butyl odor.					
<b>SECTION 3 - FIRE AND EXPLOSION HAZARD DATA</b>					
<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): approximately 104 °F (TCC)		<b>EXTINGUISHER MEDIA:</b> : Water spray or fog, foam, dry chemical or CO2. Do not use direct water stream.			
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> None required. Keep containers cool with water spray.					
<b>Unusual Fire &amp; Explosion Hazards:</b> None known.					
<b>SECTION 4 - REACTIVITY HAZARD DATA</b>					
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE		<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR			
<b>Incompatibility</b> (Mat. to avoid): Strong oxidizers.		<b>Conditions to Avoid:</b> None known.			
<b>Hazardous Decomposition Products:</b> CO, CO2.					
<b>SECTION 5 - HEALTH HAZARD DATA</b>					
<b>PRIMARY ROUTES OF ENTRY:</b> [ ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS					
<b>ACUTE EFFECTS</b>					
<b>Inhalation:</b> Not considered harmful. Inhalation of mist may cause irritation.					
<b>Eye Contact:</b> Irritant.		<b>Skin Contact:</b> Irritant. Repeated or extended contact with skin could result in dermatitis.			
<b>Ingestion:</b> May cause nausea, vomiting or diarrhea.					
<b>CHRONIC EFFECTS:</b> Lab animals have experienced anemia, liver, kidney, lung, and blood damage to 2-butoxyethanol.					
<b>Medical Conditions Generally Aggravated by Exposure:</b> Pre-existing dermatitis.					
<b>EMERGENCY FIRST AID PROCEDURES</b>					
<b>Eye Contact:</b> Flush with water for 15 minutes. If irritation persists, get medical attention.					
<b>Skin Contact:</b> Flush with water. If irritation persists, get medical attention.					
<b>Inhalation:</b> Remove to fresh air.					
<b>Ingestion:</b> <b>DO NOT INDUCE VOMITING.</b> Drink 3 to 4 glasses of water. Get immediate medical attention.					
<b>SECTION 6 - CONTROL AND PROTECTIVE MEASURES</b>					
<b>Respiratory Protection (specify type):</b> Not required under normal use. However if TLV is exceeded, use respirator approved by NIOSH for organic vapors.					
<b>Protective Gloves:</b> Rubber or nitrile recommended.		<b>Eye Protection:</b> Safety glasses or goggles.			
<b>Ventilation Requirements:</b> Proper ventilation as required to control vapor concentrations.					
<b>Other Protective Clothing &amp; Equipment:</b> Eyewash station.					
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash hands after handling.					
<b>SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE</b>					
<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. Keep closed when not in use.					
<b>Other Precautions &amp;/or Special Hazards:</b> <b>KEEP OUT OF REACH OF CHILDREN.</b> 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