

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

NFPA Rating: Health-1; Flammability-2; Reactivity-0; Special- -		HMIS Rating: Health-1; Flammability-2; Reactivity-0; Personal Protection-B	
Manufactured For: UNISOURCE WORLDWIDE, INC. Address: 6600 Governors Lake Pkwy Norcross, Ga. 30071		DOT Hazard Classification: NON-REGULATED (when shipped via DOMESTIC GROUND ONLY in containers less than 110 gals) For ocean vessel or air transport: Flammable Liquid, 3 Identity (trade name as used on label): ALLSTAR WHIRL WIND HEAVY DUTY GLASS CLEANER (U15037, U15038)	
Phone: 800-UNISOURCE		MSDS Number: B00128 Revision - 1	
Emergency Response Number: 1-888-660-6737		Date Prepared: 04/02 Prepared By: IB	
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA		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 **
ISOPROPYL ALCOHOL	67-63-0	No	400 ppm	400 ppm	d
2-BUTOXYETHANOL	111-76-2	Yes*	25(skin)	25(skin)	d
*Glycol ether					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: <212°F	Specific Gravity (H ₂ O=1): 0.98
Vapor Pressure: PSIG @ 70°F (Aerosols): N/A	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): >17mm Hg @ 20C
Vapor Density (Air = 1): N/D	Evaporation Rate (water = 1): 1
Solubility in Water: Soluble	Water Reactive: No
Appearance and Odor: Clear, red liquid with alcohol-butyl odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/D	Flammability Limits in Air by % in Volume: % LEL: N/D % UEL: N/D
FLASH POINT AND METHOD USED (non-aerosols): approximately 104 °F (TCC)	EXTINGUISHER MEDIA: : Water spray or fog, foam, dry chemical or CO2. Do not use direct water stream.	
SPECIAL FIRE FIGHTING PROCEDURES: None required. Keep containers cool with water spray.		
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 oxidizers.	Conditions to Avoid: None known.
Hazardous Decomposition Products: CO, CO ₂ .	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [] INHALATION [] INGESTION [X] SKIN ABSORPTION [X] EYE [] NOT HAZARDOUS	
ACUTE EFFECTS	
Inhalation: Not considered harmful. Inhalation of mist may cause irritation.	
Eye Contact: Irritant.	Skin Contact: Irritant. Repeated or extended contact with skin could result in dermatitis.
Ingestion: May cause nausea, vomiting or diarrhea.	
CHRONIC EFFECTS: Lab animals have experienced anemia, liver, kidney, lung, and blood damage to 2-butoxyethanol.	
Medical Conditions Generally Aggravated by Exposure: Pre-existing dermatitis.	

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin Contact: Flush with water. If irritation persists, get medical attention.
Inhalation: Remove to fresh air.
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): Not required under normal use. However if TLV is exceeded, use respirator approved by NIOSH for organic vapors.	Eye Protection: Safety glasses or goggles.
Protective Gloves: Rubber or nitrile recommended.	
Ventilation Requirements: Proper ventilation as required to control vapor concentrations.	
Other Protective Clothing & Equipment: Eyewash station.	
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: 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.
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 away from heat & open flames. Keep closed when not in use.
Other Precautions &/or Special Hazards: 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