

WJH/132

**MATERIAL SAFETY DATA SHEET**

This MSDS complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

**IDENTITY AND DISTRIBUTORS INFORMATION**

NFPA Rating: Health-2; Flammability-3; Reactivity-0; Special-  
 Manufactured For: UNISOURCE WORLDWIDE, INC. HMIS Rating: Health-2; Flammability-3; Reactivity-0; Personal Protection-B  
 Address: 6600 Governor's Lake Pkwy. DOT Hazard Classification: ORM-D  
 Norcross, GA 30071 Identify (trade name as used on label): ALLSTAR VANGUARD (U17532)

Phone: 800-UNISOURCE MSDS Number: A00179 Revision - 17

EMERGENCY RESPONSE NUMBER: 1-888-660-6737 Information Calls: (770)422-2071 Prepared By: CH/IB  
 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA Date Prepared: 12/06/01

**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 HLIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ETHYL ALCOHOL	64-17-5	No	1000	1000	d
TOLUENE	108-88-3	Yes	200	100	d
ACETONE	67-64-1	No	1000	750	d
ISOPROPYL ALCOHOL	67-63-0	No	400	400	d
2-BUTOXYETHANOL *	111-76-2	Yes	25 (skin)	20 (skin)	d
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
METHANOL	74-98-6	No	1000	1000	d
*GLYCOL ETHER	67-56-1	Yes	200	200	d

**WARNING:** This product contains a chemical or chemicals known to the State of California to cause birth defects or other reproductive harm.

**SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: N/A Specific Gravity (H2O=1): Concentrate Only = 0.81  
 Vapor Pressure: PSIG @ 70°F (Aerosols): Max 80 Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A  
 Vapor Density (Air = 1): NE Evaporation Rate (Water Reactive: No)  
 Solubility in Water: Soluble  
 Appearance and Odor: Clear gel, aromatic solvent odor.

**SECTION 3 - FIRE AND EXPLOSION HAZARD DATA**

FLAMMABILITY as per USA FLAME PROJECTION TEST (Aerosols)	EXTREMELY FLAMMABLE	Auto Ignition Temperature	N/A	Flammability Limits in Air by % in Volume: % LEL: N/A % UEL: N/A
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained breathing apparatus.	EXTINGUISHER MEDIA:	Foam, dry chemical, carbon dioxide, water fog.	
Unusual Fire & Explosion Hazards:	Do not expose aerosols to temperatures above 130°F or the container may rupture.			

**SECTION 4 - REACTIVITY HAZARD DATA**

STABILITY  STABLE  UNSTABLE HAZARDOUS POLYMERIZATION  WILL  WILL NOT OCCUR

Incompatibility (Mat. to avoid): Acids and strong oxidizers. Conditions to Avoid: Open flame, welding arcs, heat, sparks.

Hazardous Decomposition Products: CO, CO2

**SECTION 5 - HEALTH HAZARD DATA**

PRIMARY ROUTES OF ENTRY:  INHALATION  INGESTION  SKIN ABSORPTION  EYE  NOT HAZARDOUS  
 ACUTE EFFECTS: Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.  
 Eye Contact: Irritation Skin Contact: Irritation

Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.

CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormality, liver abnormalities, kidney and/or liver damage. Lab animals have experienced anemia, liver, kidney, lung, blood damage to Glycol Ether EB.

Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, or upper respiratory conditions.

**EMERGENCY FIRST AID PROCEDURES**

Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.  
 Skin Contact: Wash with soap and water. If irritated, seek medical attention.  
 Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.  
 Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.  
**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**  
 Respiratory Protection (Specify type): If vapor concentration exceeds TLV, use respirator approved by U.S. Bureau of Mines for organic vapor.  
 Protective Gloves: Rubber gloves. Eye Protection: Safety glasses recommended.  
 Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.  
 Other Protective Clothing & Equipment: None  
 Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps To Be Taken If Material Is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or Federal regulations. Prevent from entering drains and sewer.  
 Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.  
 Precautions To Be Taken in Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.  
 Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.

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

SAP# 1020454