

MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION			
Material Identification: MicroGuard AD40 Blue Tint Additive			
Adsil, Inc. 1901 Mason Avenue, Suite 101 Daytona Beach, FL 32117		386-274-1382 PHONE 386-274-1798 FAX CHEMTREC: 1-800-424-9300	
SECTION 2: OSHA HAZARDOUS COMPONENTS			
<u>C.A.S. Number(s)</u>	<u>Wt%</u>	<u>Components</u>	<u>Exposure Limits</u>
107-98-2	60-70%	Propylene Glycol Methyl Ether	OSHA STEL 100 ppm ACGIH STEL 150 ppm
NFPA/HMIS Code: Health 2 , Flammability 2 , Reactivity 0			
SECTION 3: PHYSICAL DATA FOR MATERIAL			
<p>pH: 6.0 +/- 0.5</p> <p>Solubility in water: Miscible</p> <p>Appearance: Blue Liquid</p> <p>Odor: Aromatic</p> <p>Specific Gravity: Not Determined</p> <p>Boiling Point: 140° F, 284° C</p> <p>VOC Content: 712 g./liter (Components A, B, C & D mixed)</p>			
SECTION 4: FIRE & EXPLOSION HAZARD OF MATERIAL			
<p>Flash Point: 113° F, 45° C</p> <p>Fire Hazards: Flammable Liquid.</p> <p>Unusual Fire Hazards: Burning may produce toxic combustion products.</p> <p>Extinguishing Media: Carbon dioxide, dry chemical or foam.</p> <p>Fire Fighting Procedures: Standard procedure for chemical fires; breathing apparatus and protective suit.</p>			
SECTION 5: HEALTH & HAZARD DATA			
<p>Eye Contact: Causes moderate to severe eye irritation.</p> <p>Skin Contact: Causes mild skin irritation</p> <p>Inhalation: Spray mist cause dizziness or damage to respiratory tract.</p> <p>Ingestion: May cause disorientation, headache, blindness and possibly death, if swallowed.</p> <p>Signs & Symptoms of Exposure: Moderate to severe eye irritation. Mild skin irritation.</p> <p>Special Hazards: Carcinogens – none known Teratogens – none known Mutagens – none known Reproductive Toxins – none known</p>			
SECTION 6: FIRST AID MEASURES			
<p>Eyes: Immediately flush eyes with lukewarm water for 15 minutes. Get immediate medical attention if irritation persists.</p> <p>Skin: If clothing is contaminated, remove and launder before reuse. Wash off immediately with soap and water. Get medical attention if irritation occurs.</p> <p>Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.</p> <p>Oral: Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. Seek immediate medical attention.</p>			

SECTION 7: REACTIVITY DATA	
Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	None known.
Materials to Avoid:	None known.
SECTION 8: LEAK OR SPILL INFORMATION	
Containment/Clean-up: Absorb spill with inert material, then, place in a chemical waste container. Wear suitable protective equipment. Should not be released into the environment. Disposal of collected product, residues and clean up materials may be governmentally regulated. Observe all local, state and federal waste management regulations.	
SECTION 9: SPECIAL PROTECTION INFORMATION	
Respiratory Protection:	Use NIOSH approved respirator as needed to mitigate exposure.
Gloves:	Wear chemical resistant gloves.
Eye Protection:	Wear splash proof chemical goggles.
Protective Equipment:	Work in well ventilated areas. Do not breathe vapors or mist.
Personal Hygiene:	Wash hands before mealtime or smoking.
SECTION 10: TRANSPORT INFORMATION	
DOT Information (49 CFR 172.101)	
Proper Shipping Name: 1 Methoxy – 2 Propanol Solution	
Hazard Technical Name: PROPYLENE GLYCOL MONO METHYL ETHER	
Hazard Class: 3	
UN Number: UN3092	
Packing Group: III	
SECTION 11: HANDLING & STORAGE	
Handling:	Use good industrial practices when handling. Avoid eye, skin and clothing contact. Do not inhale. Do not taste or swallow. Use only with adequate ventilation.
Storage:	Keep away from heat, sparks and open flame. Store in a cool, well ventilated place.
SECTION 12: REGULATORY INFORMATION	
TSCA Status:	All chemical substances in this material are included or exempted from listing on the TSCA Inventory of Chemical Substances.
EPA SARA Title III Chemical Listings:	
Section 302 CERCLA Extremely Hazardous Substances: None	
Section 304 CERCLA Hazardous Substances: None	
Section 312 Hazard Class:	
	Acute: Yes
	Chronic: Yes
	Fire: Yes
	Pressure: No
	Reactive: No

Section 313 Toxic Chemicals: None

Supplemental State Compliance Information: California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

Pennsylvania Right-To-Know Disclosure:

This product contains the following components, which are subject to Pennsylvania Right-To-Know.

<u>Components</u>	<u>CAS Number</u>
Propylene Glycol Mono Methyl Ether	107-98-2
1,2-Propanediol	57-55-6

Revision Date: 10/07

Prepared by: Adsil MSDS Coordinator
Daytona Beach, Florida 32117
PH: 386-274-1382