

MATERIAL SAFETY DATA SHEET

UNITED SUPPLIERS, INC.
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MSDS
Effective Date: 06/01/07

PRODUCT NAME: ULTRASURF AMS

EMERGENCY CONTACT: UNITED SUPPLIERS, INC. 800-782-5123

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT: CHEMTREC (800-424-9300)

CAUTION: CAUSES IRRITATION - AVOID CONTACT WITH SKIN, EYES, OR CLOTHING

1. PRODUCT INFORMATION

PRODUCT NAME: ULTRASURF AMS

HAZARDOUS COMPONENTS:	OSHA PEL	ACGIH TWA	OTHER LIMITS	CAS#	%
Surfactant			Not known		20%
Ammonium Sulfate Solution			7783-20-2		80%

HEALTH INFORMATION

SIGNS AND SYMPTOMS OF EXPOSURE: WARNING! CAUSES EYE IRRITATION.

SKIN CONTACT - Mild skin irritant. EYE CONTACT - causes eye irritation!

INHALATION - May irritate nose, throat and lungs, causing sore throat, coughing, and shortness of breath.

INGESTION - May irritate mouth, esophagus, stomach causing sore throat, abdominal pain, nausea, and vomiting.

EMERGENCY FIRST AID PROCEDURES

EYES: Flush eyes with plenty of water for 15 minutes while holding lids open. **GET MEDICAL ATTENTION IMMEDIATELY!**

SKIN: Immediately flush skin with plenty of water while removing contaminated clothing.

INHALATION: Immediately remove victim to fresh air. If victim has stopped breathing, give mouth to mouth resuscitation.

INGESTION: For overexposure by swallowing, drink water. If vomiting occurs, Keep head below hips to avoid aspiration of fluid into lungs.

CALL A PHYSICIAN OR POISON CONTROL CENTER PROMPTLY.

II. REACTIVITY DATE

STABILITY: UNSTABLE , I CONDITIONS TO AVOID:
STABLE , xx , CONDITIONS TO AVOID: None known

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: Decomposition may produce carbon monoxide and carbon dioxide, and oxides of sulfur.

HAZARDOUS MAY OCCUR I _____ Conditions to avoid:
POLYMERIZATION: WILL NOT OCCUR rxx Conditions to avoid:

IV. PHYSICAL DATA

BOILING POINT: >212 deg. F. **SPECIFIC GRAVITY (H2O):** 1.20 @ 77 deg.
VAPOR PRESSURE (mm Hg): NA **MELTING POINT:** NA
VAPOR DENSITY: NA **EVAPORATION RATE:** Butyl acetate=1
<0.1 **SOLUBILITY IN WATER:** Miscible
APPEARANCE AND ODOR: Clear, viscous brown to light yellow liquid, mild odor

V. SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:

RESPIRATORY PROTECTION (SPECIFY TYPE): Recommended exposure limits for this product have not been established, (i.e. OSHA-PEL and ACGIH-TLV). Whether there is a need for respiratory protection under your conditions of handling this material should be evaluated by a qualified health specialist.

VENTILATION: LOCAL EXHAUST: Required
MECHANICAL: Required if working in confined area.
SPECIAL:

PROTECTIVE GLOVES: Impervious

VI. FIRE & EXPLOSION HAZARDS

FLASH POINT: >200 deg. F. 93 deg. C FLAMMABLE LIMITS: NDA

EXTINGUISHING MEDIA: Foam, water spray, dry chemical or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: This product will produce foam when mixed with water. Fire fighters should wear self-contained breathing apparatus in positive pressure mode with full facepiece when there is a possibility of exposure to smoke, fumes or decomposition products. (Individuals should perform only those fire fighting procedures for which they have been trained.) Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse vapors. Water spray may be used to flush spills away from fire and to dilute spill to nonflammable mixtures.

UNUSUAL EXPLOSION AND FIRE HAZARDS: This product will produce foam when mixed with water.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate respiratory protection and protective clothing as described in Section V. Contain spilled material. Transfer to secure containers. Where necessary, collect using absorbent media. In the event of an uncontrolled release of this material, the user should determine if the release is reportable under appropriate laws and regulation.

WASTE DISPOSAL METHOD: All recovered material should be packaged, labeled, transported and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Avoid landfilling of liquids. Reclaim where possible.

ENVIRONMENTAL PRECAUTIONS: Avoid uncontrolled releases of this material. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

OSHA REQUIRED LABEL INFORMATION:

In compliance with hazard and right-to-know requirements, the following OSHA Hazard Warnings should be found on a label, bill of lading or invoice accompanying this shipment.

NA

NOTE: Product label will contain additional non-OSHA related information.

The information herein was given in good faith but no warranty, expressed or implied was made. Consult United Suppliers for further information.

NA = NOT APPLICABLE

NDA = NO DATA AVAILABLE