



PO BOX 16458 • FRESNO CA 93755

# MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

**ADVANTAGE**

## I. NAME

PRODUCT/TRADE NAME: ADVANTAGE  
EPA REGISTRATION #: NONE  
CHEMICAL NAME/Common Name:  
Ammonium Decyl Alkoxy Sulfate/ADAS  
Ethanol/Ethanol

## II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
ADAS	65423-86-1	NE	NE
Ethanol	64-17-5	1000 ppm	1000 ppm

## III. PHYSICAL DATA

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.0  
MELTING POINT: NA  
VAPOR DENSITY (AIR = 1): NE  
% VOLATILES BY VOL.: 40\*  
ODOR: None  
APPEARANCE: clear Liquid  
FLASH POINT/METHOD: 92 Deg. F pmcc\*  
VAPOR PRESSURE (mmHg): NE  
SOLUBILITY IN H<sub>2</sub>O: Soluble

## IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA:  Water Fog  Foam  Alcohol Foam  
 CO<sub>2</sub>  Dry Chemical  Other

### FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure demand self-contained breathing apparatus and full protective equipment. Do not breathe smoke. Avoid fallout and runoff. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

## V. CARCINOGEN STATUS

OSHA  NTP  IARC  No Listing Type

## VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION  
 Unstable  May Occur  Will Not Occur  
AVOID: NONE  
HAZARDOUS DECOMPOSITION PRODUCTS: CO<sub>x</sub>, SiO<sub>x</sub>

## VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Absorb with inert material. Sweep or vacuum and place into approved disposal container.  
DECONTAMINATION: Treat contaminated area with detergent and water. Absorb with inert material and place in disposal containers. Repeat as necessary until area is clean.  
ENVIRONMENTAL HAZARDS: Dike to prevent entering drains, sewers or water courses.  
DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

## VIII. HEALTH PRECAUTION DATA

INGESTION: Do not ingest. May cause nausea. Wash thoroughly before eating, drinking or smoking.  
INHALATION: No PEL/TLV for this product. Do not breathe vapors.  
SKIN ABSORPTION: May cause slight skin irritation. Wear proper personal protective equipment to reduce exposure.  
EYE EXPOSURE: Keep out of eyes. If exposed, flush eyes for a minimum of 15 minutes with water.  
EFFECTS OF OVEREXPOSURE: May cause nausea or skin irritation. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.  
FIRST AID: In all cases, get prompt medical attention. If swallowed, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin exposure, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate for a minimum of 15 minutes with water. If inhaled, remove victim to fresh air, and administer CPR if necessary.

## IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for organic vapors for the exposures encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry and high exposure operations.  
PERSONAL PROTECTIVE EQUIPMENT: Neoprene or rubber gloves and chemical goggles to reduce splash exposure.  
VENTILATION: General ventilation recommended.

## X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions.

## XI. REGULATORY DATA

SARA HAZARD CLASS:  Acute  Chronic  Flammable  
 Pressure  Reactive  None

SARA 313:  Yes  No Chemical:

SARA 302:  Yes  No Chemical:

TPQ:

CERCLA:  Yes  No Chemical:

RQ:

RCRA:  Yes  No

NFPA HAZARD RATING:

Health: [1]

Fire: [2]

Reactivity: [0]

Special: [ ]

HMIS CODES:

Health: [1]

Fire: [2]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMIS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

DATE PREPARED: August 7, 2003

REVISED DATE:

Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

\*Technical Material NE - Not Established NA - Not Applicable

**24 Hour Emergency Phone Number**  
**CHEMTREC: (800) 424-9300**

