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For Emergency Assistance involving chemicals call - CHEMTREC (800) 424-9300

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The Version Date and Number for this MSDS is : 11/10/2004 - #008

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PRODUCT IDENTIFICATION

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PRODUCT NAME: UNIVAR AE-10,20,30-FGK  
MSDS#: 58375  
DATE ISSUED: 04/07/2004  
SUPERSEDES: 05/31/2002  
ISSUED BY: 001036

MATERIAL SAFETY DATA SHEET

MSDS UNIVAR AE-10,20,30-FGK

SECTION .1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : UNIVAR AE-10,20,30-FGK  
PRODUCT USE/CLASS : DEFOAMER

Distributed by:  
Univar USA Inc.  
6100 Carillon Point  
Kirkland, WA 98033  
425-889-3400

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

WT/WT%		CHEMICAL NAME	CAS NUMBER	LESS
ITEM	-----			
THAN.				

No Hazardous Materials are Contained in this Product

(See Section 16 for abbreviation legend)

### SECTION 3 - HAZARDS IDENTIFICATION

\*\*\* EMERGENCY OVERVIEW No Information.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: May cause eye irritation

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: No hazard in normal industrial use.

EFFECTS OF OVEREXPOSURE - INHALATION: No hazard in normal industrial use.

EFFECTS OF OVEREXPOSURE - INGESTION: No hazard in normal industrial use.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: No hazard in normal industrial use

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT

### SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

FIRST AID - INHALATION: None required

FIRST AID - INGESTION: None required.

### SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT:

None. to boiling LOWER EXPLOSIVE LIMIT: N:A. UPPER EXPLOSIVE LIMIT: N.A.

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: CO2 DRY CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: No. information

SPECIAL FIREFIGHTING PROCEDURES: No information

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Flush to sewer with water; absorb with sand, etc. and. dispose as dry waste in accordance with all applicable regulations. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Flush residual spill (area) with water. (For large spills, dike for later disposal.)

#### SECTION 7 - HANDLING AND STORAGE

##### HANDLING:

Wash thoroughly after handling,

##### STORAGE:

Keep away from heat, sparks and flame. Keep from freezing. Keep container closed when not in use.

#### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

##### ENGINEERING CONTROLS:

Good general ventilation should be sufficient to Control airborne levels.

##### RESPIRATORY PROTECTION:

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying-respirators is limited.: Use a positive pressure air supplied respirator if there is any potential for an- uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate. protection.

##### SKIN PROTECTION:

NEOPRENE The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.

##### EYE PROTECTION:

Wear goggles where splash hazard.

##### OTHER PROTECTIVE EQUIPMENT:

No Information

##### HYGIENIC PRACTICES:

Wash hands before eating. Remove contaminated clothing; and wash before reuse.

#### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE : N.A.  
VAPOR DENSITY : Is heavier than air  
ODOR : MILD  
ODOR THRESHOLD : N.D.  
APPEARANCE : WHITE.  
EMULSION EVAPORATION RATE : Is slower than Ether  
SOLUBILITY IN. H2O : EMULSIFYABLE  
FREEZE POINT : 0 C  
SPECIFIC GRAVITY : 1.0 (approx)  
VAPOR PRESSURE @ 25% C : 14mm  
pH @ 0.0 % : 7 - 8  
PHYSICAL STATE : LIQUID  
VISCOSITY : 2500 - 3500 cP  
COEFFICIENT OF WATER/OIL DISTRIBUTION: N.A.

(See Section 16 for abbreviation legend)

#### SECTION 10 -- STABILITY AND REACTIVITY

##### CONDITIONS TO AVOID:

None

##### INCOMPATIBILITY:

Strong oxidizers

##### HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2

##### HAZARDOUS POLYMERIZATION:

Will not occur under normal conditions. STABILITY: This product is stable under normal storage. conditions.

#### SECTION 11 - TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

#### SECTION 12 - ECOLOGICAL INFORMATION ECOLOGICAL INFORMATION:

No Information.

#### SECTION 13 - DISPOSAL CONSIDERATIONS

##### DISPOSAL METHOD:

Dry with absorbent material and dispose as dry waste in accordance with all local, state and federal regulations.

#### SECTION 14 - TRANSPORTATION INFORMATION

No transportation information is available.

#### SECTION 15 - REGULATORY INFORMATION

##### U.S. FEDERAL REGULATIONS: AS FOLLOWS

OSHA: Non-hazardous by definition of Hazard Communication Standard (29 CFR

1910,1200)

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and

Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME CAB NUMBER WT/WT IS LESS THAN  
No SARA Section 31.3 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting: requirements of TSCA 12(D) if exported from the United States:

CHEMICAL NAME: CAB NUMBER  
No information is available.

INTERNATIONAL.REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS - HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0

LEGEND: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determine

For Additional Information:

Contact: MSDS Coordinator - Univar USA

During business hours, Pacific Time - (425) 889-3400

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END OF MSDS