

MATERIAL SAFETY DATA SHEET

Product Name: ANCO DD

Anchor Drilling Fluids USA, Inc.
2431 E 61ST Street, Suite 710 Tulsa, OK 74136

Run Date: 12/22/94

Rev. Date: 5/1/06

I. GENERAL INFORMATION

Chemical Name: MODIFIED ALKANOLAMIDE CAS#: NDA
Chemical Family: N/A
Chemical Formula: PROPRIETARY
Synonyms: DETERGENT
NFPA Properties: Health: NDA Flammability: NDA Reactivity: NDA
Emergency Telephone: CHEMTREC (800)424-9300 Information Telephone: (918) 583-7701

II. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	TWAPPM	TWA MG/M ³	STEL PPM	STEL MG/M ³	CAS#	OTHER LIMITS	%
1. ALKANOLAMIDE							N/A

III. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point °F:	N/A	Color:	CLEAR
Specific Gravity:	1.0	Odor:	NONE
Vapor Pressure:	1 (mm Hg)	Appearance:	LIQUID
Percent Volatility:		pH:	
Vapor Density:		Viscosity:	
Evaporation Rate:	N/A	Activity:	N/A
Solubility in Water:	SOLUBLE	LC50:	NDA
Melting Point °F:	N/A	LD50:	NDA

IV. FIRE & EXPLOSION HAZARD DATA

Extinguishing Agents: DRYCHEMICAL OR WATERSPRAY OR WATERFOG OR CO2 OR FOAM OR SAND & EARTH

Flash Point °F: N/A

Flammable Limits: N/A

LEL: N/A UEL: N/A

Special Firefighting Procedures: FIREFIGHTERS MUST BE EQUIPPED TO PREVENT BREATHING OF VAPORS OR PRODUCTS OF COMBUSTION. WEAR AN APPROVED SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire & Explosion Hazards: NONE.

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V. HEALTH HAZARD DATA

Routes of Entry: Inhalation – YES Skin – YES Ingestion – YES

Effects of Overexposure:

Toxicological Properties:

Chronic & Acute Effects of Overexposure:

Carcinogenicity: NTP – NO IARC Monographs – NO OSHA Regulated

Emergency First Aid Procedures:

- Eyes: IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES AND CALL A PHYSICIAN.
- Skin Contact: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.
- Inhalation: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL A PHYSICIAN.
- Ingestion: CONSULT A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

VI. REACTIVITY DATA

Stability: STABLE Hazardous Polymerization: WILL NOT OCCUR

Hazardous Decomposition Products: AS WITH ANY ORGANIC MATERIAL, COMBUSTION WILL PRODUCT CARBON DIOXIDE (CO₂) AND PROBABLY CARBON MONOXIDE (CO). OXIDES OF NITROGEN.

Conditions To Avoid:

Incompatibility and Materials to Avoid: STRONG OXIDIZERS SUCH AS HYDROGEN PEROXIDE, BROMINE AND CHROMIC ACID.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

<u>Steps To Be Taken In Case Material Is Released Or Spilled – Procedures For Clean-Up:</u>	ABSORB WITH INERT MATERIAL SUCH AS SAND, SOIL OR VERMICULITE; SWEEP UP AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
<u>Waste Disposal Method:</u>	INCINERATE IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS
<u>Precautions To Be Taken In Handling & Storage:</u>	STORE BETWEEN 40°F AND 120°F.

VIII. CONTROL MEASURES

Ventilation Type Required: MECHANICAL EXHAUST

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Protective Gloves: RUBBER OR PLASTIC, SOLVENT RESISTENT
Eye Protection: CHEMICAL SAFETY GOGGLES
Respiratory Protection: USE NIOSHA/OSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR
CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSIBLE
EXPOSURE LIMIT.
Other Protective Equipment: NEOPRENE TYPE APRON.
Comments:

IX. REGULATORY & TRANSPORTATION INFORMATION

US DOT Proper Shipping Name: "OIL-WELL TREATING COMPOUND"
US DOT Hazard Class: DOT ID Number: NDA
ID Number: Freight Classification:
Unregulated by DOT: Regulated by DOT:
Special Transportation Note:
Labels Required:

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