

MATERIAL SAFETY DATA SHEET

Product Name: ANCO-DRILL (A, N)

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: PARTIALLY HYDROLIZED POLYACRYLAMIDE CAS#: 25083-02-03
Chemical Family: SODIUM ACRYLATE & ACRYLAMIDE
Chemical Formula: PROPRIETARY
Synonyms: ASP 700, ID-BOND, NEW DRILL
NFPA Properties: Health: 0 Flammability: 1 Reactivity: 0
Emergency Telephone: CHEMTREC (800) 494-9300 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. PHPA							N/A
2.							
3.							

III. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point °F:	460° F	Color:	OFF-WHITE
Specific Gravity:	.95-1.09	Odor:	SWEET HYDROCARBON
Vapor Pressure:	N/A	Appearance:	LIQUID
Percent Volatility:	1.3 @ 75F	pH:	NDA
Vapor Density:	N/A	Viscosity:	1673 CST @ 60F
Evaporation Rate:	<1	Activity:	33-35 WT%
Solubility in Water:	DISPERSES	LC50:	NDA
Melting Point °F:	N/A	LD50:	NDA

IV. FIRE & EXPLOSION HAZARD DATA

Extinguishing Agents: DRY CHEMICAL, WATERSPRAY, WATERFOG, CO2, FOAM OR SAND & EARTH.
Flash Point °F: 200° F
Flammable Limits: 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: MAY CAUSE IRRITATION TO SKIN AND EYES
Toxicological Properties: NDA
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 WITH EYE LIDS OPEN AND CALL A PHYSICIAN.
Skin Contact: WASH WITH SOAP AND WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSING.
Inhalation: REMOVE TO FRESH AIR, IF BREATHING IS DIFFICULT, GIVE OXYGEN AND CALL A PHYSICIAN.
Ingestion: CALL A PHYSICIAN. **DO NOT INDUCE** VOMITING. GET MEDICAL ATTENTION AT ONCE. 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 PRODUCE CARBON DIOXIDE (CO₂) AND PROBABLY CARBON MONOXIDE (CO). OXIDES OF NITROGEN.
Conditions To Avoid: NDA
Incompatibility and Materials to Avoid: STRONG OXIDIZERS SUCH AS HYDROGEN PEROXIDE, BROMINE AND CHROMIC ACIDS.

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 SPILL ON INERT MATERIAL SUCH AS SAND, SAWDUST, SOIL OR OTHER ABSORBENTS; SWEEP UP AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
<u>Waste Disposal Method:</u>	DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS
<u>Precautions To Be Taken In Handling & Storage:</u>	STORE BETWEEN 40° & 120° F. EMPTY CONTAINERS MAY CONTAIN RESIDUAL PRODUCT; DO NOT REUSE CONTAINERS UNLESS PROPERLY RECONDITIONED

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VIII. CONTROL MEASURES

Ventilation Type Required: MECHANICAL
Protective Gloves: RUBBER OR PLASTIC, SOLVENT RESISTANT
Eye Protection: CHEMICAL SAFETY GOGGLES
Respiratory Protection: USE NIOSH/OSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR
CARTRIDGE IF VAPOR CONCENTRATION EXCEEDS PERMISSIBLE
EXPOSURE LIMIT.
Other Protective Equipment: NEOPRENE TYPE APRON RECOMMENDED.
Comments: WORK WITH GOOD HYGEINIC PRACTICES

IX. REGULATORY & TRANSPORTATION INFORMATION

US DOT Proper Shipping Name: OIL-WELL TREATING COMPOUND
US DOT Hazard Class: DOT ID Number: 2074
ID Number: Freight Classification
Unregulated by DOT: Regulated by DOT:
Special Transportation Note:
Labels Required:

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