

MATERIAL SAFETY DATA SHEET

Product Name: ANCO PHALT PLUS

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

Run Date: 01/14/09

Rev. Date

I. GENERAL INFORMATION

Chemical Name: SULFONATED ASPHALT
Chemical Family: ASPHALT
Chemical Formula: PROPRIETARY
NFPA Properties: Health: 1 Flammability: 1 Reactivity: 0
Emergency Telephone: CHEMTREC (800) 424-9300 Information Telephone: (918) 583-7701

II. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGHI	CAS#	%
CRYSTALLINE SILICA			14808-60-7	< 1 %

III. PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point °F:	N/A	Appearance:	DARK BROWN TO BLACK
Specific Gravity:	1.2 – 1.5	Odor:	NONE
Vapor Pressure:	N/A	Form:	POWDER
Percent Volatility:	N/A	pH (1%):	N/A
Vapor Density:	N/A	Viscosity:	N/A
Evaporation Rate:	N/A	Activity:	N/A
Solubility in Water:	APPRECIABLE	LC50:	NDA
Melting Point °F:	NDA	LD50:	NDA

IV. FIRE & EXPLOSION HAZARD DATA

Extinguishing Agents: DRY POWDER, WATER SPRAY, CO2, FOAM
Flash Point °F: N/A
Flammable Limits: NOT FLAMMABLE LEL: N/A UEL: N/A
Special Firefighting Procedures: FIREFIGHTERS SHOULD WEAR NORMAL PROTECTIVE EQUIPMENT, INCLUDING A SELF CONTAINED BREATHING APPARATUS.
Unusual Fire & Explosion Hazards: AIRBORNE DUST CONCENTRATIONS MAY CREATE CONDITIONS FOR A DUST EXPLOSION.

V. HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Effects of Overexposure: EYES & SKIN IRRITANT; RESPIRATORY IRRITANT IF INHALED; MAY CAUSE GASTROINTESTINAL UPSET IF INGESTED.
Toxicological Properties: NONE KNOWN.
Chronic & Acute Effects of Overexposure:
Carcinogenicity: NTP – NO IARC Monographs – NO OSHA Regulated –

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Emergency First Aid Procedures:

Eyes: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION.
Skin Contact: WASH THOROUGHLY WITH SOAP AND WATER. REMOVE AND LAUNDRER CONTAMINATED CLOTHING. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION.
Inhalation: REMOVE FROM EXPOSURE. IF ILLNESS OR ADVERSE SYMPTOMS DEVELOP, SEE PHYSICIAN.
Ingestion: GIVE AT LEAST TWO GLASSES OF WATER TO DILUTE AND SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITTING.

VI. REACTIVITY DATA

Stability: STABLE (under normal conditions)
Hazardous Polymerization: WILL NOT OCCUR
Hazardous Decomposition Products: SULFUR OXIDES AND CARBON OXIDES
Conditions to Avoid: NONE KNOWN
Incompatibility and Materials to Avoid: STRONG OXIDIZING AGENTS AND EXCESSIVE HEAT OR IGNITION SOURCES.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

<u>Steps To Be Taken In Case Material Is Released Or Spilled – Procedures For Clean-Up:</u>	AVOID CREATING DUSTY CONDITIONS. COLLECT AND PLACE IN SUITABLE CONTAINER FOR REUSE OR DISPOSAL. WEAR APPROPRIATE PROTECTIVE EQUIPMENT.
<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 IN A COOL DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OXIDIZING AGENTS AND HEAT OR IGNITION SOURCES.

VIII. CONTROL MEASURES

Ventilation Type Required: LOCAL AND/OR GENERAL EXHAUST IS RECOMMENDED IF HANDLED IN A CONFINED AREA TO CONTROL BELOW RECOMMENDED EXPOSURE LEVELS.
Protective Gloves: IMOERVIUS GLOVES RECOMMENDED
Eye Protection: SAFETY GOGGLES WITH SHIELDS RECOMMENDED.
Respiratory Protection: IF POWDER, WEAR A NIOSH APPROVED NUISANCE DUST RESPIRATOR. USE NIOSH APPROVED MECHANICAL FILTER RESPIRATOR WHEN DUST LEVELS EXCEED APPLICABLE EXPOSURE LIMITS.
Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER SHOULD BE READILY AVAILABLE.

IX. REGULATORY & TRANSPORTATION INFORMATION

US DOT Proper Shipping Name: NOT REGULATED

US DOT Hazard Class:

ID Number:

Unregulated by DOT:

Special Transportation Note:

DOT ID Number: N/A

Freight Classification

Regulated by DOT:

Labels Required:

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