

MATERIAL SAFETY DATA SHEET

Product Name: ANCO SHALE TREAT

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

Run Date: 10/29/01

Rev. Date: 5/01/06

I. GENERAL INFORMATION

Chemical Name: SHALE TREAT CAS # Blend

Chemical Family: SURFACTANTS

Chemical Formula: CONFIDENTIAL

Synonyms:

Emergency Telephone: CHEMTREC (800) 424-9300

Information Telephone: (918) 583-7701

HMIS:	HEALTH – 1	FLAMMABILITY – 0	REACTIVITY – 0	PERSONAL PROTECTION – B
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II. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	TWAPPM	TWA MG/M ³	STEL PPM	STEL MG/M ³	CAS#	OTHER LIMITS	%
1. NONE							

III. PHYSICAL DATA

Boiling Point: 212 °F
Freezing Point: 30 °F
Vapor Pressure: 4.4 @ 20 °C (mm HG)
Vapor Density: 2.35 (Air =1)
Solubility in Water: Soluble
Appearance/Odor: Yellow green liquid, alcohol like odor
Specific Gravity: 1.02 (H₂O=1)
pH: 8.9 – 9.1

IV. FIRE & EXPLOSION HAZARD DATA

Flash Point °F: N/A
Flammable Limits: N/A LEL: N/A UEL: N/A
Extinguishing Agents: DRY POWDER, CARBON DIOXIDE (CO₂), "ALCOHOL FOAM"
Unusual Fire & Explosion Hazards: Containers may explode from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.

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V. HEALTH HAZARD DATA

Threshold Limit Value: None Established

Routes of Entry: *Inhalation* – NONE
Skin – YES – May be mild irritant
Ingestion – YES - Irritant

Carcinogenicity: NTP – NO
IARC Monographs – NO
OSHA Regulated – NO

Effects of Overexposure: Skin irritation develops slowly after contact. Eye irritation develops immediately upon contact.

Emergency First Aid Procedures:

- Eyes: Flush with plenty of water for at least 15 minutes and get medical attention.
- Skin Contact: Wash thoroughly with soap and water.
- Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
- Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person.

VI. REACTIVITY DATA

Stability: STABLE

Hazardous Decomposition Products: FIRE, SMOKE, CARBON MONOXIDE, CARBON DIOXIDE

Conditions To Avoid: NONE

Incompatibility and Materials to Avoid: OXIDIZERS OR OXIDIZING MATERIALS.

Hazardous Polymerization: WILL NOT OCCUR

Polymerization Avoid: NONE

VII. SPILL OR LEAK PROCEDURE

<u>Steps To Be Taken In Case Material Is Released Or Spilled – Procedures For Clean-Up:</u>	ABSORB SPILL ON INERT MATERIAL AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.
<u>Waste Disposal Method:</u>	INDUSTRIAL WASTE. DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS

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VIII. SPECIAL PROTECTION

Respiratory Protection: NONE REQUIRED
Ventilation: NONE REQUIRED
Mechanical Exhaust: NONE REQUIRED
Local Exhaust: NONE REQUIRED
Protective Gloves: WEAR IMPERVIOUS GLOVES
Eye Protection: CHEMICAL GOGGLES OR SAFETY GLASSES RECOMMENDED
Other Protective Equipment: NOT NORMALLY NEEDED
Comments:

IX. SPECIAL HANDLING

Handling & Storage:	STORE AWAY FROM OXIDIZERS OR MATERIALS BEARING A YELLOW "DOT" LABEL.
Precautionary Measures:	AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH EYES.
Hazard Class:	NON HAZARDOUS
DOT Shipping Name	Chemicals, nos, III (Not Regulated)
Reportable Quantity	NONE
UN Number	NONE
NA #	NONE
Packaging Size	DRUMS AND 5 GALLONS PAILS
DOT Label Required	NONE REQUIRED

X. REGULATORY

EPA ACUTE	YES	SARA TPQ	NONE
EPA CHRONIC	NO	SARA RQ	NONE
EPA IGNITABILITY	NO	SECTION 313 – This product does not contain any chemical 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.	
EPA REACTIVITY	NO	EPA HAZARD WASTE #	NONE
EPA SUDDEN RELEASE OF PRESSURE	NO	CLEAN AIR	NO
CERCLA RQ VALUE	NO	CLEAN WATER	NO

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