

MATERIAL SAFETY DATA SHEET

NFS-FILTRATECAPSULE™

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: NFS-FILTRATECAPSULE™ **Date Prepared:** March, 2007
Chemical Name: Anionic/Cationic Polymer Blend
Chemical Family: Drilling Fluid Additive

Supplier: New Fluid Solutions, Inc.
6161 Savoy Ste 248
Houston, TX 77036
Information Telephone: 713-780-3600
Emergency Telephone: CHEMTREC 800-424-9300
www.newfluid.com

II. COMPOSITION

Material or Component	CAS Number	OSHA PEL	Percentage
Anionic/Cationic Polymer Blend	NA	NA	100%

III. HAZARDS IDENTIFICATION

Immediate Health Effects

Product may be irritating to eyes, skin and upper respiratory tract.

Eyes: Abrasiveness of dust may cause irritation.

Skin: Prolonged contact may cause irritation.

Ingestion: Not anticipated route of exposure.

Inhalation: May cause irritation to respiratory tract.

Chronic Health Effects

None known. Not listed as carcinogen by IARC, OSHA or NTP.

IV. FIRST AID MEASURES

Eyes: Remove contact lenses if worn. Flush thoroughly with large amounts of running water for at least 15 minutes. Get medical attention if irritation develops.

Skin: Wash exposed area with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation develops.

Ingestion: If large amounts were ingested, give water to drink. Do not induce vomiting. Get medical advice.

Inhalation: Remove person to fresh air. Get medical attention for any breathing difficulty.

V. FIRE AND EXPLOSION DATA

Flashpoint: 430°F (221°)
Flammable Limits: Not applicable
Extinguishing Media: Water spray, CO₂, dry chemical or foam

Special Fire Fighting Procedures: Evacuate all unnecessary personnel. Wear appropriate safety equipment for fire conditions. Firefighters should wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazard: Dust may form explosive mixture with air at high concentrations.

VI. ACCIDENTAL RELEASE MEASURES

Release or Spill Contain, collect and place in suitable container for reuse or disposal.

Personal Precautions Wear appropriate protective equipment.

Environmental Precautions Keep out of sewers and waterways.

VII. HANDLING AND STORAGE

Handling Handle only in well ventilated areas. Avoid creating dusty conditions. Avoid breathing dust. Material is slippery when wet.

Storage Store in a cool dry place. Keep away from oxidizing agents, ignition sources.

VIII. EXPOSURE CONTROL/PERSONAL PROTECTION

Airborne Exposure Limits: None

Ventilation Requirements: If handled in a confined space, local exhaust and ventilation system is recommended to control below recommended exposure levels.

Respiratory Protection: Use NIOSH approved nuisance dust respirator.

Eye Protection: Use safety glasses with side shield. Maintain eye wash station in work area.

Skin Protection: Use long-sleeved clothing and work gloves.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State Powder

Color Off White to Light Yellow

Odor None

pH 1% solution – 6.5 – 9.0

Density 40-55 lbs/cu.ft.

Boiling Point Not applicable

Flash Point 430°F (221°C)

Autoignition Temp. 752°F (400°C)

Explosion Limits (%) Minimum explosive concentration of a dust cloud is 0.4 oz/cu.ft.

Solubility in Water Complete

Vapor Density (Air=1) Not applicable

X. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage.

Materials to Avoid: Avoid excessive heat, ignition sources and strong oxidizers.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: Oxides of carbon.

XI. TOXICOLOGICAL INFORMATION

No acute toxicity data is available for product or components. Ingredients are not listed as carcinogenic by IARC, OSHA or NTP.



XII. ECOLOGICAL INFORMATION

No ecological information us available for product. Readily bio-degradable.

XIII. DISPOSAL

Dispose of in accordance with all local, state and federal regulations.

XIV. TRANSPORTATION INFORMATION

UN Proper Shipping Name:	Not regulated as hazardous by DOT
UN Label:	None
UN Identification Number	None
Hazardous Ingredients	None
Placards	None
Reportable Quantity	None

XV. REGULATORY INFORMATION

CERCLA:	Not subject to reporting
TSCA Listed:	Yes
SARA Title III Section 302	Not listed
SARA Title III Section 311/312	No
SARA Title III Section 313	No

XVI. OTHER INFORMATION

NFPA Hazard Codes: Health: 1; Flammability: 0; Reactivity: 0, Special Hazards: 0

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