P-FL450

SAFETY DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – HIGH TEMPERATURE FLUID LOSS ADDITIVE 450 (POWDER)

1. IDENTIFICATION
Product Code: P-FL450
Product Name: High Temperature Fluid Loss Additive 450 (Powder)
Recommended Use: Oilfield cement additive
Manufacturer: PETROCHEM USA, INC.
Address: 13921 SW 97 Avenue, Miami, FL 33176 USA
Telephone: 305-439-4747
Emergency Contact: CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION
Classification:
Skin Irritation Category 2
Eye Irritation Category 2A



Signal Word: WARNING
Hazard Statements:
Causes skin irritation
Causes eye irritation
May form combustible dust concentrations in air

Precautionary Statements:
Prevention:
Avoid breathing dust
Wear protective gloves and eye protection
Use only with adequate ventilation
Keep away from heat, sparks, and open flame
Response:
If on skin: Wash with water
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present
If irritation persists: Get medical advice/attention
Storage:
Store in a cool, dry, well-ventilated area. Keep container tightly closed
Disposal:
Dispose of contents and container in accordance with regulations

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name: Proprietary Mixture
CAS Number: Trade Secret
Composition: 100%
Notes: Specific chemical identities and concentrations are withheld under OSHA 29 CFR 1910.1200(i).

4. FIRST AID MEASURES

Inhalation: Move to fresh air. Seek medical attention if symptoms persist
Skin Contact: Wash with water. Remove contaminated clothing
Eye Contact: Rinse with water for several minutes. Seek medical attention if irritation persists
Ingestion: Rinse mouth. Seek medical attention if symptoms occur
Symptoms: Skin and eye irritation, respiratory discomfort
Physician: Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water spray, foam, dry chemical, carbon dioxide
Specific Hazards: Dust may form explosive mixtures in air under certain conditions
Firefighting Equipment: Self-contained breathing apparatus and full protective clothing

6. ACCIDENTAL RELEASE MEASURES

Procedures: Avoid dust generation. Collect material using vacuum or mechanical methods. Prevent release to environment

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Avoid inhalation of dust. Use proper ventilation
Storage: Keep containers tightly closed in a dry, well-ventilated area. Keep away from ignition sources

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Local or general ventilation
PPE:
Eye Protection: Safety goggles
Hand Protection: Chemical-resistant gloves
Body Protection: Protective clothing
Respiratory Protection: NIOSH-approved respirator if dust is present
Hygiene: Wash hands, forearms, and face after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder
Color: White
Odor: Slight
Solubility: Soluble in water
Specific Gravity: 1.65

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions
Conditions to Avoid: Heat, sparks, open flame
Incompatible Materials: Strong oxidizing agents
Hazardous Decomposition: No hazardous decomposition expected under normal conditions

11. TOXICOLOGICAL INFORMATION

Routes: Inhalation, ingestion, skin, eyes

Acute Effects: Skin and eye irritation; respiratory irritation from dust

Chronic Effects: No data available

Carcinogenicity: Not classified

12. ECOLOGICAL INFORMATION

Persistence/Degradability: Not readily biodegradable

Environmental Impact: Avoid release to environment

13. DISPOSAL CONSIDERATIONS

Dispose according to local, state, and federal regulations

14. TRANSPORT INFORMATION

DOT / IATA / IMDG: Not regulated

15. REGULATORY INFORMATION

TSCA: All components listed or exempt

16. OTHER INFORMATION



NFPA: Health 1 | Flammability 1 | Reactivity 0

Issue Date: January 1, 2026

DISCLAIMER

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