P-SR300

SAFETY DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – MEDIUM TEMPERATURE SYNTHETIC RETARDER 300 (POWDER)

1. IDENTIFICATION
Product Code: P-SR300
Product Name: Medium Temperature Synthetic Retarder 300 (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:
Combustible Dust



Signal Word: WARNING
Hazard Statements:
May form combustible dust concentrations in air

Precautionary Statements:
Prevention:
Avoid breathing dust
Avoid generation and accumulation of dust
Keep away from heat, sparks, and open flame
Use only with adequate ventilation
Response:
In case of fire: Use dry chemical, foam, carbon dioxide, or water mist
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

Eye Contact: Rinse with water. Seek medical attention if irritation persists

Ingestion: Rinse mouth. Seek medical attention if symptoms occur

Symptoms: Dust may cause irritation to eyes, skin, and respiratory tract

Physician: Treat symptomatically

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Water mist, foam, dry chemical, carbon dioxide

Specific Hazards: Dust may form explosive mixtures in air

Firefighting Equipment: Self-contained breathing apparatus and full protective clothing

6. ACCIDENTAL RELEASE MEASURES

Procedures: Avoid dust generation. Sweep or vacuum material using appropriate equipment. Prevent release to drains or waterways

7. HANDLING AND STORAGE

Handling: Minimize dust generation and accumulation. Use adequate ventilation. Keep away from ignition sources

Storage: Store in a dry, cool, well-ventilated area. Keep container tightly closed

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general or local exhaust ventilation. Explosion-proof ventilation may be appropriate where dust is generated

PPE:

Eye Protection: Safety glasses with side shields or goggles

Hand Protection: Chemical-resistant gloves

Body Protection: Protective clothing

Respiratory Protection: NIOSH-approved respirator if dust exposure is excessive

Hygiene: Wash hands, forearms, and face after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder

Color: White

Odor: Odorless

pH: 8 - 9

Solubility: Soluble in water

Specific Gravity: 2.08

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Conditions to Avoid: Heat, sparks, open flame, dust accumulation, and contact with incompatible materials

Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition: Carbon oxides

11. TOXICOLOGICAL INFORMATION

Routes: Inhalation, ingestion, skin, eyes

Acute Effects: Dust may irritate eyes, skin, and respiratory system

Chronic Effects: No data available

Carcinogenicity: Not classified

12. ECOLOGICAL INFORMATION

Persistence/Degradability: No data available

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 0 | Flammability 2 | Reactivity 0

Issue Date: January 1, 2026

DISCLAIMER

The information provided is believed to be accurate; however, no warranties, express or implied, are made, including merchantability or fitness for a particular purpose. Users are responsible for determining product suitability and compliance with applicable laws, API specifications, and safety regulations