P-R300

SAFETY DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – MEDIUM TEMPERATURE RETARDER 300 (POWDER)

1. IDENTIFICATION

Product Code: P-R300
Product Name: Medium Temperature 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 until irritation subsides. Seek medical advice if symptoms persist

Ingestion: Rinse mouth. Seek medical attention if symptoms occur

Symptoms: Dust may cause mechanical irritation to eyes and respiratory tract

Physician: Treat symptomatically

5. FIRE-FIGHTING MEASURES

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

Specific Hazards: Fine dust clouds 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: Avoid formation and inhalation of dust. Use proper ventilation. Avoid ignition sources

Storage: Store in a cool, dry, well-ventilated area. Avoid dust accumulation

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide adequate ventilation

PPE:

Eye Protection: Safety glasses or goggles

Hand Protection: Protective gloves

Body Protection: Protective clothing

Respiratory Protection: NIOSH-approved dust mask if dust is present

Hygiene: Wash hands, forearms, and face after handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder

Color: Light Brown / Tan

Odor: Slight

Solubility: Soluble in water

Specific Gravity: 1.35

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Conditions to Avoid: Dust formation, heat, sparks, and static discharge

Incompatible Materials: Strong oxidizing agents

Hazardous Decomposition: No hazardous decomposition expected under normal conditions

11. TOXICOLOGICAL INFORMATION

Routes: Inhalation, ingestion, skin, eyes

Acute Effects: Dust may cause mechanical irritation to eyes and respiratory tract

Chronic Effects: No data available

Carcinogenicity: Not classified

12. ECOLOGICAL INFORMATION

Persistence/Degradability: Inherently biodegradable (based on lignosulfonate chemistry)

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

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