



HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

Room 1504, Building A, Rising Times

Puyang, Henan, China

Email: info@dongyuchemical.com • www.dongyuchemical.com

SAFETY DATA SHEET (SDS)

OB-HT Filtration Control Agent DYGD-5

SDS No.: DYGD-5 • Version: 2.9 • Revision date: 2025-10-10

GHS classification	Not classified as hazardous under GHS.
Primary hazards	Nonflammable and nonexplosive under normal conditions; dust may cause mechanical irritation to eyes/respiratory tract; slippery when wet.
Recommended PPE	Safety glasses (EN166) or chemical splash goggles; nitrile gloves; standard protective clothing; P2/P95 respirator if dust/mist is generated.
Shelf life	24 months in unopened original packaging at 5–35 °C; keep dry and away from sunlight.
Packaging	25 kg multi-layer bags (typical); 500–1000 kg FIBC on request. Store in a cool, dry, well-ventilated place away from heat and incompatible materials.
Intended use	Drilling fluid additive (industrial use only).

Contents

SECTION 1. Identification of the substance and of the company/undertaking

Product identifier	OB-HT Filtration Control Agent DYGD-5
Synonyms	Modified natural asphalt; OB-HT filtration reducer
Recommended use	Oilfield chemicals
Supplier	HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

Address	Room 1504, Building A, Rising Times, Puyang City, Henan, China
Email	info@dongyuchemical.com
Website	https://www.dongyuchemical.com

SECTION 2. Hazards identification

- Hazards identification: Normally nonflammable and nonexplosive. Potential health effects—Skin: may be irritating; Eyes: may cause irritation; Ingestion: may irritate digestive tract; Inhalation: may cause respiratory tract irritation.

SECTION 3. Composition / information on ingredients

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Substance	CAS No.	Concentration	Notes
Modified natural asphalt	—	—	
Moisture	—	15%	

SECTION 4. First aid measures

- General advice: No hazards requiring special first aid measures.
Skin contact: Remove contaminated clothing; rinse with soapy water.
Eye contact: Lift eyelids and rinse with plenty of water or saline; seek medical advice if irritation occurs.
Ingestion: Drink plenty of water; induce vomiting as directed by medical personnel; seek medical attention if discomfort persists.
Inhalation: Move to fresh air; if breathing difficulties occur, consult a doctor.

SECTION 5. Firefighting measures

- Extinguishing media: Foam, dry powder, carbon dioxide, water.
Fire & explosion protection: Provide appropriate exhaust ventilation at places where dust is formed.
Protective equipment: Firefighters should wear self-contained breathing apparatus; use standard procedures for chemical fires.

SECTION 6. Accidental release measures

- Personal precautions: Use PPE recommended in Section 8.
Spill: Collect bulk of leakage; clean the site; avoid dust formation.

Waste treatment: Bury or handle according to local environmental requirements; dispose of packing at approved site.

SECTION 7. Handling and storage

- Handling: Keep containers closed when not in use; avoid contact with eyes/skin; wear proper PPE; prohibit smoking, eating and drinking in application area; provide exhaust ventilation where dust is formed.
Storage: Store dry and cool; prevent sun/rain; keep away from heat/fire and incompatible materials.

SECTION 8. Exposure controls / personal protection

- Engineering measures: Consider potential hazards and exposure limits; design controls accordingly. If controls are inadequate, use PPE.
PPE: Dusk/dust mask; chemical splash goggles; standard protective clothing and gloves. No smoking/food/water in work area.

SECTION 9. Physical and chemical properties

- Appearance: Solid, dark brown, no odor. Safety data: Flash point N/A; explosion limits N/A; auto-ignition temperature—no data; boiling—N/A; vapor pressure—N/A; relative density—N/A; solubility—stated as soluble.

Property	Value
Physical state/Color/Odor	Solid; dark brown; no odor
Not determined	Not determined
Solubility	Soluble
Flash point	Not applicable
Lower/Upper explosion limits	Not applicable / Not applicable
Auto-ignition temperature	No data available
Boiling point/range	Not applicable
Vapor pressure	Not applicable
Relative density	Not applicable

SECTION 10. Stability and reactivity

- Stability: Stable under normal storage and handling; no hazardous reactions expected under recommended conditions.
Incompatible materials: Strong oxidizers. Conditions to avoid: Open flame and high temperature.

SECTION 11. Toxicological information

- Toxicology: No acute toxicity data available. Skin—prolonged contact may cause slight redness; eyes—may cause slight irritation; no data for germ cell mutation, carcinogenicity or reproduction toxicity.

SECTION 12. Ecological information

- Ecological information: No data available for biodegradation or ecotoxicity.

SECTION 13. Disposal considerations

- Disposal: Use approved waste collection as soon as possible; comply with regional, national and local laws.

SECTION 14. Transport information

- Transport: Not regulated as dangerous goods under UN/DC, ADR/RID (land), ADN (inland waterway), IMDG (sea), and IATA (air).

Mode	UN/ID	Proper shipping name	Class/P.G.	Comments
ADR/RID (Road/Rail)	—	Not regulated as dangerous goods	—	Provide ventilation where dust may form; protect from heat.
ADN (Inland waterway)	—	Not regulated as dangerous goods	—	—
IMDG (Sea)	—	Not regulated as dangerous goods	—	—
IATA (Air)	—	Not regulated as dangerous goods	—	—

SECTION 15. Regulatory information

- Law information: Product does not belong to dangerous chemicals; ensure compliance with applicable regulations.

SECTION 16. Other information

- Disclaimer: Information believed correct but not all-inclusive; users must determine suitability. No liability for special, indirect or consequential damages.

Issue date: 2025-10-10 • Supersedes: N/A

Disclaimer: The information in this SDS is believed to be accurate and is provided without warranty; users are responsible for determining suitability for their specific applications.

Revision History

Version	Date	Change summary	Approved by
2.9	2025-10-10	Initial OB-HT Filtration Control Agent DYGD-5 release using master template	QA