



## HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

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# SAFETY DATA SHEET (SDS)

## RESINATED LIGNITE SPNH

SDS No.: SPNH • Version: 2.9 • Revision date: 2025-10-25

GHS classification	Not classified as hazardous under GHS.
Primary hazards	Nonflammable and nonexplosive under normal conditions; mists/vapors may irritate the respiratory tract; surfaces can be slippery when wet.
Recommended PPE	Safety goggles (EN166) or chemical splash goggles; chemical-resistant gloves (e.g., nitrile); standard protective clothing; use P2/P95 respirator if mists/vapors may form or ventilation is inadequate.
Shelf life	24 months in unopened original packaging at 5–35 °C; keep dry and away from sunlight.
Packaging	25 kg bags
Intended use	Drilling additive

### Contents

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

Product identifier	Resinated Lignite SPNH
Synonyms	Resinated Lignite
Recommended use	Oilfield chemicals
Supplier	HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD
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	City, Henan, China
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## SECTION 2. Hazards identification

- GHS classification: Not applicable (not classified as hazardous). No signal word/pictogram required.  
Hazard statements: Not applicable. Precautionary statements: Avoid direct eye contact and prolonged inhalation of vapors or mists.  
Other hazards: Direct eye contact may cause temporary discomfort; inhalation may irritate respiratory tract.

## SECTION 3. Composition / information on ingredients

Substance	CAS No.	Concentration	Notes
Resinated Lignite	/	92%	
Moisture	7732- 18-5	8%	

## SECTION 4. First aid measures

- General: Show this SDS to the physician.  
Eye contact: Rinse thoroughly with water for at least 15 minutes; remove contact lenses if present; seek medical attention if discomfort persists.  
Skin contact: Remove contaminated clothing and shoes; wash skin with plenty of water for at least 15 minutes; obtain medical advice if irritation persists.  
Inhalation: Move the affected person into fresh air; if breathing is difficult, provide oxygen; if not breathing, administer artificial respiration and seek immediate medical attention.  
Ingestion: Do not induce vomiting; do not give anything by mouth to an unconscious person; call a physician or Poison Control Center immediately.  
Protecting first-aiders: Inform medical personnel of the material involved; use appropriate PPE to prevent secondary contamination.

## SECTION 5. Firefighting measures

- Suitable extinguishing media: Water spray, dry chemical, foam, or carbon dioxide.  
Specific hazards: Hazardous combustion gases or vapors may form in a fire; heated containers may expand or decompose. Prevent contaminated firefighting water from entering waterways.

Protective equipment: Firefighters should wear self-contained breathing apparatus and full protective gear.

## SECTION 6. Accidental release measures

- Personal precautions: Ensure adequate ventilation; remove ignition sources; avoid breathing vapors/mist; evacuate upwind if necessary.  
Environmental precautions: Prevent further leakage if safe to do so; avoid discharge to the environment.  
Cleanup: Absorb with dry sand or inert absorbent; for large spills, use bunding to contain; collect into labeled containers for disposal; use spark-proof tools.

## SECTION 7. Handling and storage

- Handling: Work in well-ventilated areas; wear appropriate PPE; avoid contact with skin and eyes; keep away from heat/sparks/open flames/hot surfaces; prevent static discharge.  
Storage: Keep containers tightly closed; store in a cool, dry, well-ventilated place away from ignition sources, incompatible materials, and foodstuffs.

## SECTION 8. Exposure controls / personal protection

- Exposure limits: No specific OELs established.  
Monitoring methods: EN 14042; GBZ/T 160 series for workplace air (as applicable).  
Engineering controls: Provide adequate ventilation, especially in confined areas; ensure eyewash stations and safety showers near the workstation; use explosion-proof electrical/ventilating/lighting/equipment as appropriate.  
PPE: Tightly fitting safety goggles; protective gloves (e.g., butyl rubber) meeting EN 374 / US F739 / AS/NZS 2161.1; respiratory protection if exposure limits are exceeded or symptoms occur (full-face respirator with AXBEK cartridges or equivalent); flame-resistant/antistatic clothing and boots.

## SECTION 9. Physical and chemical properties

- See property table for available data; unlisted fields are not available from current source.

Property	Value
Appearance	Solid;
Not determined	Not determined
Initial boiling point	Not applicable
Flash point (closed cup)	Not applicable

Relative density (water=1)	Not applicable
Vapor pressure	Not applicable
Kinematic viscosity	Not applicable
Solubility	No data; handle as viscous liquid

## SECTION 10. Stability and reactivity

- Reactivity: Contact with incompatible substances can cause decomposition or other reactions.  
 Chemical stability: Stable under proper operation and storage conditions.  
 Possibility of hazardous reactions: No specific data; avoid mixing with incompatible materials.  
 Conditions to avoid: Incompatible materials, heat, flames, sparks; avoid static discharge.  
 Incompatible materials: No specific data; avoid strong oxidizers as a precaution.  
 Hazardous decomposition products: Under normal conditions, hazardous decomposition products are not expected.

## SECTION 11. Toxicological information

- Acute toxicity: No specific data available; based on information provided, low acute toxicity is expected.  
 Skin corrosion/irritation: No specific data; prolonged or repeated contact may cause mild irritation.  
 Serious eye damage/irritation: Direct contact may cause temporary discomfort and irritation.  
 Respiratory or skin sensitization: No data available; not expected to be a sensitizer.  
 Germ cell mutagenicity/Carcinogenicity/Reproductive toxicity: No components listed by IARC/NTP; no specific hazards expected based on available data.  
 STOT- SE/STOT- RE: Inhalation of mist or vapor may irritate the respiratory tract; repeated exposure may aggravate pre-existing conditions.  
 Aspiration hazard: Not expected based on product form/viscosity.

## SECTION 12. Ecological information

- Ecotoxicity: No data available.  
 Persistence and degradability: No data available; handle to prevent environmental release.  
 Bioaccumulative potential: No data available.  
 Mobility in soil: No data available.  
 Other adverse effects: Not identified as an ozone-depleting substance.

## SECTION 13. Disposal considerations

- Waste chemicals: Follow applicable national and local regulations; incineration is recommended where permitted.  
 Contaminated packaging: Containers may remain hazardous when empty; keep away from heat/ignition; return for recycling where possible.

## SECTION 14. Transport information

- Transport classification: Not regulated as dangerous goods for IMDG (sea), ICAO/IATA (air), or UN- ADR (road/rail). Ensure containers are tightly closed; prevent leakage; protect from heat/ignition during transport.

Mode	UN/ID	Proper shipping name	Class/P.G.	Comments
ADR/RID (Road/Rail)	—	Not regulated (non-dangerous goods)	—	Keep containers tightly closed; avoid heat and ignition sources.
IMDG (Sea)	—	Not regulated	—	Not a marine pollutant as supplied; verify per shipment.
IATA (Air)	—	Not regulated	—	Prevent leakage; observe airline packaging rules.

## SECTION 15. Regulatory information

- Regulatory information: Confirm inventory status per destination (e.g., IECSC/TSCA/DSL, etc.). Based on source table, the formulation includes non- hazardous ingredients; verify for each shipment and market.  
This SDS is prepared referencing UN GHS (9th rev.) and enterprise- provided data.

## SECTION 16. Other information

- Issue date: 2025-10-10 • Supersedes: 2023-03-08  
Reason for revision: Reformatted into company master template; updated Sections 2 and 10–16 for clarity and completeness.  
Disclaimer: Information is believed accurate but provided without warranty; users must determine suitability for their specific application.

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

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