



## HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

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# SAFETY DATA SHEET (SDS)

## Sulfonated Asphalt Sodium DYLQ-1A

SDS No.: DYLQ-1A • 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 dust-resistant goggles; nitrile gloves; standard protective clothing; use P2/P95 respirator when visible dust 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). Keep packages sealed and dry; store cool, well-ventilated; keep away from heat and incompatible materials.
Intended use	Sodium asphalt sulfonate for drilling fluids (industrial use only).

### Contents

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

Product identifier	Sulfonated Asphalt Sodium DYLQ-1A
Synonyms	Sodium asphalt sulfonate
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

- Classification: Not classified as hazardous under GHS based on the source MSDS. Potential effects: skin/eye irritation; ingestion may irritate the digestive tract; dust may irritate the respiratory tract. Precautions: Avoid dust generation; use local exhaust; wear eye protection and suitable gloves for prolonged handling.

## SECTION 3. Composition / information on ingredients

Substance	CAS No.	Concentration	Notes
Sodium Asphalt Sulfonate	68201-32-1	100%	

## SECTION 4. First aid measures

- General: No special measures required beyond standard first aid. If symptoms persist, seek medical attention.  
Inhalation: Move to fresh air; if symptoms persist, call a physician.  
Eyes: Remove contact lenses; rinse with water for at least 15 minutes; get medical advice if irritation persists.  
Skin: Wash with soap and water; change contaminated clothing.  
Ingestion: Rinse mouth; do not give anything by mouth to an unconscious person; seek medical advice if unwell.

## SECTION 5. Firefighting measures

- Extinguishing media: Use measures appropriate to surroundings (water spray, CO<sub>2</sub>, dry chemical, foam).  
Fire & explosion: Provide adequate exhaust ventilation where dust is formed. Firefighters should wear SCBA.  
Combustion products: Oxides of carbon may form.

## SECTION 6. Accidental release measures

- Personal precautions: Avoid dust formation; wear PPE.  
Environmental precautions: Prevent entry into drains; notify authorities if contamination occurs.  
Cleanup: Pick up without creating dust; sweep/shovel; keep in suitable closed containers for disposal; clean floors/objects thoroughly.

## SECTION 7. Handling and storage

- Handling: Follow good industrial hygiene; avoid dust; prohibit smoking, eating, and drinking in the work area.  
Storage: Keep tightly closed in a dry, cool, well-ventilated place; electrical installations should comply with standards.

## SECTION 8. Exposure controls / personal protection

- Engineering controls: Consider potential hazards and exposure limits when designing ventilation; use PPE if controls are insufficient.  
PPE: Dust mask; safety glasses; impervious gloves for prolonged exposure; lightweight protective clothing; eyewash available.

## SECTION 9. Physical and chemical properties

- Key properties per source: Solid dark brown/black, odorless; relative density 0.98; partly soluble in water; flash point N/A; LEL/UEL N/A; auto-ignition not available.

Property	Value
Physical state / Color / Odor	Solid; dark brown/black; no odor
Not determined	Not determined
Relative density	0.98
Water solubility	Partly soluble
Flash point	Not applicable
Lower/Upper explosion limits	Not applicable / Not applicable
Auto-ignition temperature	No data available

## SECTION 10. Stability and reactivity

- Stability: Stable under normal conditions. Conditions to avoid: None specified. Hazardous reactions: None expected under recommended handling.

## SECTION 11. Toxicological information

- Toxicology: Limited data; acute toxicity not available. Skin/eye contact may cause slight irritation. Chronic effects: No data; not listed as carcinogenic by major agencies.

## SECTION 12. Ecological information

- Ecotoxicity/persistence/bioaccumulation/mobility: No data available. Avoid uncontrolled releases to the environment.

## SECTION 13. Disposal considerations

- Disposal: Use approved waste collection promptly; comply with regional, national and local regulations for waste and packaging.

## SECTION 14. Transport information

- Transport: Not regulated as dangerous goods under ADR/RID (land), ADN (inland waterway), IMDG (sea), or 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.
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

- Regulatory note: Product does not belong to dangerous chemicals per source MSDS; ensure compliance with applicable local laws.

## SECTION 16. Other information

- Issue date: 2025-10-10 • Supersedes: —  
Disclaimer: Information believed accurate but not exhaustive; user responsible for suitability assessment.

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 Sulfonated Asphalt Sodium DYLQ-1A release using master template	QA