



HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

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SAFETY DATA SHEET (SDS)

Light-Weight Additive For Oil Well Cement GP-55

SDS No.: GP-55 • Version: 2.9 • Revision date: 2025-10-10

GHS classification	Not classified as hazardous under GHS.
Primary hazards	Dust may irritate respiratory tract, eyes and skin; avoid ignition sources when handling fine powder.
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	Light-weight additive for oil-well cement (industrial use only).

Contents

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

Product identifier	Light-Weight Additive For Oil Well Cement GP-55
Synonyms	Density reducing additive; cement slurry additive
Recommended use	Oilfield chemicals
Supplier	HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

Address	Room 1504, Building A, Rising Times, Puyang City, Henan, China
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SECTION 2. Hazards identification

- Hazard overview: may irritate human body; see Section 11 for details.

SECTION 3. Composition / information on ingredients

Substance	CAS No.	Concentration	Notes
Silica	7631-86-9	≥90%	

SECTION 4. First aid measures

- Inhalation: Fresh air; medical attention if respiratory irritation develops. Ingestion: Rinse mouth; drink water; seek advice if large quantities ingested. Eyes: Flush with water ≥15 minutes; medical attention if irritation persists. Skin: Wash with soap/water; remove/clean contaminated clothing.

SECTION 5. Firefighting measures

- Flash point/LEL/UEL/Auto-ignition: Not determined. Extinguishing: CO₂, dry chemical; firefighters wear SCBA/full PPE; evacuate and fight from distance.

SECTION 6. Accidental release measures

- Wear specified PPE; surfaces slippery when wet; sweep/scoop/vacuum avoiding dust; place in suitable container for reuse/disposal.

SECTION 7. Handling and storage

- Handling: Use spark-proof/explosion-proof tools; PPE required. Storage: Well-ventilated; away from incompatibles/ignition.

SECTION 8. Exposure controls / personal protection

- Engineering: Use only in well-ventilated areas to keep dust below limits. PPE: Dust mask, safety glasses, rubber gloves, coveralls.

SECTION 9. Physical and chemical properties

- See property table; water insoluble; other parameters not determined in source.

Property	Value
Physical state / Color / Odor	Solid; white/gray powder; without odor
Not determined	Not determined
Solubility in water	Insoluble

SECTION 10. Stability and reactivity

- Stable; incompatibility unknown; hazardous decomposition includes CO/CO₂; hazardous reactions will not occur under recommended use.

SECTION 11. Toxicological information

- Primary route: skin contact. Acute effects: respiratory tract irritation; ingestion—stomach discomfort; eye contact—irritation/inflammation; skin—prolonged contact may cause mild irritation. Chronic effects and sensitization/carcinogenicity/reprotoxicity: not determined.

SECTION 12. Ecological information

- OCNS estimated Category 1 according to source text.

SECTION 13. Disposal considerations

- Dispose per EC/national/local regulations.

SECTION 14. Transport information

- Not regulated for DOT/IMDG/IATA transport.

Mode	UN/ID	Proper shipping name	Class/P.G.	Comments
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DOT/IMDG/IATA	—	Not regulated (Not dangerous for road/air/sea)	—	Transport class may vary with volume/region; keep containers closed.
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SECTION 15. Regulatory information

- Follow applicable regional regulations; labeling: Not Restricted; NA for risk/safety phrases.

SECTION 16. Other information

- Information believed accurate; user responsible for suitability.

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 Light-Weight Additive For Oil Well Cement GP-55 release using master template	QA