



## HENAN DONGYU CHEMICAL TECHNOLOGY CO., LTD

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# SAFETY DATA SHEET (SDS)

## DYGJXP Silicone-Based Defoamer

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

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	Chemical splash goggles; chemical-resistant gloves (e.g., nitrile); standard protective clothing; P2/P95 respirator if aerosols/mists 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	200 kg drums. Store tightly closed in a cool, dry, well-ventilated place; keep away from heat/ignition and oxidizers.
Intended use	Silicone-based defoamer for cement slurries (industrial use only).

### Contents

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

Product identifier	DYGJXP Silicone-Based Defoamer
Synonyms	Silicone oil defoamer
Recommended use	Defoamer (cement slurry additive)
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

- Hazard overview: May cause irritation to eyes, skin, and respiratory tract if mishandled. GHS classification: Not classified; no signal word or pictograms required. Precautionary statements: Avoid breathing aerosols/mist; wear eye protection and suitable gloves; avoid release to the environment.

## SECTION 3. Composition / information on ingredients

Substance	CAS No.	Concentration	Notes
Silicone oil	63148-62-9	75%	
Ethoxylated nonylphenol	9016-45-9	2%	
Water	—	23%	

## SECTION 4. First aid measures

- Inhalation: Remove to fresh air; if breathing is difficult, administer oxygen; seek medical attention if symptoms persist.  
Ingestion: Rinse mouth; drink water; do not induce vomiting unless directed by medical personnel; seek medical advice if unwell.  
Eyes: Rinse cautiously with water for at least 15 minutes; remove contact lenses if present and easy to do; get medical attention if irritation continues.  
Skin: Wash with soap and water; remove contaminated clothing and launder before reuse; seek medical attention if irritation persists.

## SECTION 5. Firefighting measures

- Extinguishing media: Water fog, carbon dioxide, dry chemical, or foam.  
Specific hazards: Heated containers may rupture; combustion produces carbon oxides.  
Firefighting: Firefighters should wear self-contained breathing apparatus and full protective gear; evacuate area and fight fire from a safe distance.

## SECTION 6. Accidental release measures

- Personal precautions: Wear PPE; avoid breathing aerosols/mist; surfaces may be slippery.  
Environmental precautions: Prevent entry to drains/watercourses.  
Cleanup: Contain and collect with inert absorbent; transfer to suitable containers for disposal; wash spill area with water and detergent.

## SECTION 7. Handling and storage

- Handling: Use only with adequate ventilation; avoid aerosol/mist generation; do not eat, drink, or smoke when using this product.  
Storage: Keep container tightly closed in a cool, dry, well-ventilated place away from heat/ignition sources and incompatible materials.

## SECTION 8. Exposure controls / personal protection

- Engineering controls: Provide local exhaust where aerosols/mists may form; ensure eyewash and safety shower nearby.  
PPE: Safety glasses with side-shields; chemical-resistant gloves; respirator (P2/P95) if ventilation is inadequate; protective clothing.

## SECTION 9. Physical and chemical properties

- See property table for typical values supplied in the source MSDS.

Property	Value
Physical state / Color / Odor	Liquid; colorless; odorless
Not determined	Not determined
Specific gravity (20 °C, water=1)	1.00–1.10
pH	4.0–5.0
Solubility in water	Soluble

## SECTION 10. Stability and reactivity

- Stability: Stable under normal conditions; hazardous polymerization will not occur.  
Incompatibility: Not specified; as a precaution, avoid strong oxidizers.  
Decomposition products: Carbon oxides under fire conditions.

## SECTION 11. Toxicological information

- Likely routes: Skin/eye contact and inhalation of aerosols/mists; ingestion is not an intended route.  
Acute effects: Transient irritation to eyes/skin; respiratory tract irritation from mists.  
Chronic effects/Sensitization/Carcinogenicity/Reprotoxicity: Not determined in the source MSDS.

## SECTION 12. Ecological information

- Ecotoxicity: No quantitative data available; avoid uncontrolled releases.  
Persistence/Bioaccumulation/Mobility: No data available.  
Other adverse effects: Not identified as an ozone-depleting substance.

## SECTION 13. Disposal considerations

- Dispose of contents/container in accordance with local/regional/national regulations.

## SECTION 14. Transport information

- Transport: Not Restricted/Not regulated for ADR/RID, IMDG, and IATA. Ensure tight packaging and prevent leakage.

Mode	UN/ID	Proper shipping name	Class/P.G.	Comments
ADR/RID (Road/Rail)	—	Not Restricted (Not regulated)	—	Keep containers closed; avoid heat/ignition; prevent leaks.
IMDG (Sea)	—	Not Restricted (Not regulated)	—	Not a marine pollutant as supplied.
IATA (Air)	—	Not Restricted (Not regulated)	—	Observe airline packaging rules.

## SECTION 15. Regulatory information

- Prepared referencing UN GHS and the supplier MSDS; ensure compliance with destination market regulations and inventories.

## SECTION 16. Other information

- Issue date: 2025-10-10 • Supersedes: 2023-03-01  
Disclaimer: Information is believed accurate but provided without warranty; user must determine 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 DYGJXP Silicone-Based Defoamer release using master template	QA