



SAFETY DATA SHEET (SDS)

1. Identification

Product Name: BP Life DMSO 99.9% Pure Liquid

Other Names: Dimethyl sulfoxide

Recommended Use: Solvent / Laboratory reagent / Topical carrier for research use only

Company: BP Distributing, LLC

Address: 120b Frisella Ct, Imperial, MO 63052

Phone: (877) 275-9838

Email: sales@bpdistributing.com

Emergency Phone: Not available

2. Hazard Identification

Classification: Skin irritation (Category 2), Eye irritation (Category 2A)

Signal Word: Warning

Hazard Statements:

- Causes skin irritation.
- Causes serious eye irritation.

Precautionary Statements:

- Avoid contact with eyes, skin, and clothing.
- Wash thoroughly after handling.
- Wear protective gloves and eye protection.

GHS Pictograms: ■■ (Irritant)

3. Composition / Information on Ingredients

Chemical Name: Dimethyl sulfoxide

CAS Number: 67-68-5

Concentration: 99.9%

4. First-Aid Measures

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Rinse cautiously with water for several minutes. Seek medical advice.

Ingestion: Rinse mouth and seek medical attention if feeling unwell.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Dry chemical, CO₂, alcohol-resistant foam, or water spray.

Specific Hazards: Combustible liquid. Vapors may form explosive mixtures with air.

Protective Equipment: Firefighters should wear self-contained breathing apparatus.

6. Accidental Release Measures

Wear protective equipment. Absorb spills with inert material and place in a chemical waste container. Ensure adequate ventilation. Avoid release to the environment.

7. Handling and Storage

Handle in accordance with good industrial hygiene. Avoid contact with eyes and skin. Store tightly closed in a cool, dry, well-ventilated place away from incompatible substances.

8. Exposure Controls / Personal Protection

Exposure Limits: None established.

Engineering Controls: Use in well-ventilated areas.

Personal Protective Equipment:

- Safety goggles
- Chemical-resistant gloves
- Lab coat

9. Physical and Chemical Properties

Appearance: Clear, colorless liquid

Odor: Slight sulfur odor

Boiling Point: ~189°C (372°F)

Melting Point: ~18°C (64°F)

Solubility: Miscible with water

Flash Point: 95°C (203°F)

10. Stability and Reactivity

Stable under normal conditions. Avoid heat, flames, and oxidizing agents. Decomposition products include sulfur oxides and carbon oxides.

11. Toxicological Information

May cause skin and eye irritation. Prolonged exposure may cause systemic effects.

LD50 (Oral, Rat): 14,500 mg/kg

12. Ecological Information

Not expected to be highly toxic to aquatic organisms. Biodegradable in the environment.

13. Disposal Considerations

Dispose of in accordance with local, state, and federal regulations. Do not pour into drains or natural waterways.

14. Transport Information

UN Number: Not regulated

Shipping Name: Non-hazardous for transport

Hazard Class: None

Packing Group: None

15. Regulatory Information

This product is not classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200). All components are listed on the TSCA Inventory.

16. Other Information

Prepared by: BP Distributing, LLC

Date of preparation: October 2025

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