



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Product Name: Dipropylene Glycol

Alternative Names: DPG, Dipropylene Glycol Industrial Grade, Dipropylene Glycol Fragrance Grade

Chemical Name: Dipropylene Glycol

CAS Number: 25265-71-8

EC Number: 246-770-3

REACH Registration Number: 01-2119456809-23

Molecular Formula: C₆ H₁₄O₃

Molecular Weight: 134.17 g/mol

Product Type: Solvent / Carrier

Grade: Perfumery Grade

Recommended Use: Carrier solvent for fragrances, cosmetics, personal care products, air fresheners, reed diffusers and industrial applications.

Supplier

Aromology Trading LLC

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SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

This product is not classified as hazardous according to:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1272/2008 (CLP)

Signal Word



None

Hazard Statements

Not classified as hazardous.

Precautionary Statements

- P264 Wash hands thoroughly after handling.
- P270 Do not eat, drink or smoke while using this product.
- P280 Wear suitable eye protection during industrial handling.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Dipropylene Glycol
CAS Number	25265-71-8
EC Number	246-770-3
Purity	≥99.5%

SECTION 4 – FIRST AID MEASURES

Inhalation: Move the affected person to fresh air. Seek medical advice if symptoms persist.

Skin Contact: Wash thoroughly with soap and water.

Eye Contact: Flush cautiously with water for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth with water. Seek medical advice if large quantities have been ingested.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Water spray



- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam

Hazardous Combustion Products

Carbon monoxide and carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Prevent entry into drains where possible.

Absorb with inert absorbent material such as sand or vermiculite.

Collect in suitable containers for disposal.

Wash contaminated area with water.

SECTION 7 – HANDLING AND STORAGE

Use good industrial hygiene practices.

Avoid prolonged contact with eyes.

Store tightly closed in original containers.

Protect from contamination.

Recommended Storage Temperature: 15–30 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Safety glasses
 - Protective gloves during prolonged handling
 - Normal industrial ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear, colourless liquid
Odour	Practically odourless
Relative Density (20 °C)	1.020–1.030
Refractive Index (20 °C)	1.438–1.442
Boiling Point	Approximately 230 °C
Flash Point	Approximately 124 °C (Closed Cup)
Viscosity (20 °C)	Approximately 70–90 mPas
Solubility in Water	Completely miscible
Solubility	Miscible with alcohols and many organic solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under normal conditions of storage and use.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Low acute toxicity.

May cause mild eye irritation upon prolonged contact.

Repeated exposure is not expected to present significant health hazards under normal industrial use.

SECTION 12 – ECOLOGICAL INFORMATION

Readily biodegradable.



Low aquatic toxicity.

Avoid unnecessary release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product and packaging in accordance with local, regional and national regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	Not Regulated
ADR/RID	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878

This product is not classified as hazardous under current GHS/CLP criteria.

SECTION 16 – OTHER INFORMATION

Dipropylene Glycol (DPG) is a high-purity multifunctional solvent widely used throughout the fragrance and cosmetic industries. It serves as an excellent carrier for perfume oils, essential oils and aroma chemicals due to its low odour, excellent solvency, low volatility and outstanding stability. DPG is commonly used in fine fragrances, reed diffusers, air fresheners, incense, personal care products, deodorants, creams and numerous industrial fragrance applications. Its low toxicity and broad compatibility make it one of the most widely used perfume diluents worldwide.

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