SAFETY DATA SHEET

Dipropylene Glycol (Fragrance Grade)

Prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS

SDS DATE	VERSION	PRODUCT CODE (SKU)	CAS NO.
11/03/2026	1.0 (Preliminary)	DPGFG-16OZ	25265-71-8

SECTION 1: IDENTIFICATION

1.1 Product identifier

Product name	**Dipropylene Glycol (Fragrance Grade)**
Product code (SKU)	DPGFG-16OZ
Chemical name / synonyms	DPG; oxybispropanol; oxydipropanol; INCI: Dipropylene Glycol
CAS No.	25265-71-8
Product form	Substance
Grade	Fragrance grade

1.2 Recommended use and restrictions on use

Recommended use	Raw material for formulation and manufacture of cosmetic, personal-care and holistic products.
Uses advised against	None identified.

1.3 Responsible party and supplier

Supplier / responsible party	**LA Ingredients** 853 Sandhill Avenue Carson, CA 90746, USA
Email / website	support@laingredients.com laingredients.com

1.4 Emergency telephone number

Emergency telephone (24 hours)	**+1 656 232 3588** Hazmat Line Emergency Response (24 hours a day, 7 days a week)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture (GHS / OSHA HCS 2012)

Not classified as hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS, based on the source data.

2.2 GHS label elements

Signal word	None
Hazard statement(s)	None. Not applicable.
Precautionary statement(s)	None required for classification. See Sections 7 and 8 for good-practice handling.

2.3 Hazards not otherwise classified (HNOC)

Combustible liquid at elevated temperature; hygroscopic.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance. Single component.

Chemical name	CAS No.	EC No.	Concentration	GHS classification
Dipropylene glycol (mixture of isomers)	25265-71-8	246-770-3	≥ 99 %	Not classified

SECTION 4: FIRST-AID MEASURES

4.1 Description of first-aid measures

General advice	If symptoms develop or persist, get medical attention. Show this SDS to the medical professional.
Inhalation	Not expected to be needed at normal temperatures. If vapor or mist is inhaled and symptoms occur, move to fresh air and get medical attention.
Skin contact	Remove contaminated clothing. Wash with soap and plenty of water. Get medical attention if irritation develops or persists.
Eye contact	Flush thoroughly with water for several minutes. Remove contact lenses after the first 1–2 minutes, then continue flushing. Get medical attention if irritation persists.
Ingestion	Rinse mouth. No emergency medical treatment is normally necessary. Do not induce vomiting. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, acute and delayed

May cause slight, temporary eye irritation. Prolonged skin contact is not likely to cause significant irritation.

4.3 Immediate medical attention and special treatment

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable	Water fog or fine spray, dry chemical, carbon dioxide, alcohol-resistant foam.
Unsuitable	Direct water stream (may spread the fire).

5.2 Special hazards arising from the substance or mixture

Combustible liquid. Combustion products: carbon monoxide and carbon dioxide; at high temperature also aldehydes, alcohols, ethers and organic acids.

Containers may rupture from gas generation in a fire. Violent steam generation may occur if a direct water stream hits hot liquid.

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus (SCBA) and full protective clothing. Cool exposed containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear gloves and eye protection (see Section 8). Spilled liquid may make surfaces slippery.

6.2 Environmental precautions

Prevent entry into drains, sewers and waterways. Notify the appropriate authorities if a large release reaches water.

6.3 Methods and materials for containment and cleaning up

Contain the spill and absorb with an inert absorbent (sand, earth or similar). Collect into suitable, closed containers for disposal.

Clean the area with water and detergent. Spilled liquid may make surfaces slippery.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes, skin and clothing. Use with adequate ventilation.

Keep containers closed when not in use. Wash hands after handling. Do not eat, drink or smoke in work areas.

7.2 Conditions for safe storage, including incompatibilities

Store in a cool, dry, well-ventilated place away from direct sunlight, in the original tightly closed container; the material is hygroscopic. Store away from strong acids, strong bases and strong oxidizers. Spills on hot fibrous insulation may lower its auto-ignition temperature.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No occupational exposure limit established for this product.

8.2 Appropriate engineering controls

Normal general ventilation is adequate. Use local exhaust ventilation if dust or mist is generated.

8.3 Individual protection measures / personal protective equipment (PPE)

Eye / face	Safety glasses with side shields; chemical goggles where splashing or airborne dust is likely.
Skin / hands	Chemical protective gloves are normally not required; minimize skin contact.
Body	Normal work clothing.
Respiratory	Usually not required. If discomfort occurs, use an approved air-purifying respirator with organic vapor cartridge.
Hygiene	Wash hands after handling. Do not eat, drink or smoke when using this product. Eyewash and washing facilities should be accessible.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Color	Colorless
Odor	Odorless to mild
Odor threshold	No data available
pH	Not applicable

Melting point / freezing point	< −20 °C
Boiling point / range	227 – 232 °C
Flash point	128 °C (262 °F), closed cup
Evaporation rate	< 0.05 (butyl acetate = 1)
Flammability (solid, gas)	No data available
Upper / lower flammability or explosive limits	No data available
Vapor pressure	Approx. 1.3 Pa (0.01 mmHg) at 25 °C
Vapor density	4.6 (air = 1)
Relative density / specific gravity	1.02 at 20 °C
Solubility in water	Soluble (100 % at 20 °C)
Solubility in other solvents	No data available
Partition coefficient (n-octanol/water)	log Pow −0.46
Auto-ignition temperature	332 °C (630 °F)
Decomposition temperature	No data available
Viscosity	75 mPa·s dynamic at 25 °C
Explosive properties	Not explosive
Oxidizing properties	Non-oxidizing

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	No dangerous reactions known under normal conditions of use.
10.2 Chemical stability	Stable under recommended storage conditions; hygroscopic.
10.3 Possibility of hazardous reactions	Hazardous polymerization will not occur.
10.4 Conditions to avoid	Elevated temperatures, direct sunlight / UV and ignition sources. Gas from decomposition can pressurize closed systems.
10.5 Incompatible materials	Strong acids, strong bases and strong oxidizing agents.
10.6 Hazardous decomposition products	Carbon monoxide and carbon dioxide; at high temperature also aldehydes, alcohols, ethers and organic acids.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure	Eye and skin contact; ingestion.

Acute toxicity	Oral LD50 (rat): > 5,000 mg/kg (one source reports 14,850 mg/kg). Dermal LD50 (rabbit): > 5,010 mg/kg. Inhalation LC50 (rat, 4 h, vapor): > 2.34 mg/L. Not classified.
Skin corrosion / irritation	Not classified. Prolonged exposure is not likely to cause significant irritation.
Serious eye damage / irritation	Not classified. May cause slight, temporary eye irritation.
Respiratory or skin sensitization	Not classified. No allergic skin reactions reported.
Germ cell mutagenicity	Not classified. Genetic toxicity studies negative.
Carcinogenicity	Not classified. Did not cause cancer in laboratory animals. No component present at 0.1% or more is listed by IARC, NTP, ACGIH or OSHA.
Reproductive toxicity	Not classified. No reproductive or developmental effects reported in animal studies.
STOT – single exposure	Not classified.
STOT – repeated exposure	Not classified. Animal effects on kidney and nasal tissue at doses many times higher than expected from use.
Aspiration hazard	Not classified. Not likely based on physical properties.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity	Fish LC50 (96 h): 46,500 mg/L (similar material). Daphnia EC50 (48 h): > 100 mg/L. Algae EC50 (72 h): > 100 mg/L.
12.2 Persistence and degradability	Readily biodegradable (84 % in 28 days, OECD 301F).
12.3 Bioaccumulative potential	Low (BCF 0.3 – 4.6).
12.4 Mobility in soil	Very high mobility in soil (estimated Koc 0.76).
12.5 PBT and vPvB assessment	No data available.
12.6 Other adverse effects	None known. Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Product	Dispose of in accordance with federal, state and local regulations. Do not pour into drains or sewers unless permitted. Waste classification may change if the product is used or altered.
Contaminated packaging	Empty containers completely. Dispose of as unused product, or recycle where facilities exist.

SECTION 14: TRANSPORT INFORMATION

DOT (US)	Not regulated as dangerous goods.
IMDG (sea)	Not regulated as dangerous goods.
IATA (air)	Not regulated as dangerous goods.

UN number / packing group	Not applicable.

SECTION 15: REGULATORY INFORMATION

OSHA HCS	Not classified as hazardous under 29 CFR 1910.1200 based on the source data.
TSCA	Listed on the TSCA Inventory.
SARA 302 / 311-312 / 313	No SARA 313 reportable components per the source data. No SARA 311/312 hazard categories identified.
California Proposition 65	No Proposition 65 listed chemicals reported in the source data.
State right-to-know	Listed on the Pennsylvania right-to-know list.
Compliance	Compliance with all applicable federal, state and local laws and regulations remains the responsibility of the user.

SECTION 16: OTHER INFORMATION

Date of issue / last revision	11/03/2026
Version	1.0 (Preliminary)
Supersedes	**None (first issue)**
Prepared by	LA Ingredients, 853 Sandhill Avenue, Carson, CA 90746 | support@laingredients.com
Basis of this SDS	PRELIMINARY. Compiled by LA Ingredients from two published safety data sheets for equivalent material (dipropylene glycol, CAS 25265-71-8), revisions dated 07/18/2018 and 07/05/2020. The supplier-specific SDS was not yet available. This SDS will be superseded when it is.

Hazard ratings (as given by the manufacturer)

NFPA 704	Health 1 | Flammability 1 | Instability 0

Key to abbreviations

CAS = Chemical Abstracts Service; GHS = Globally Harmonized System; OSHA HCS = OSHA Hazard Communication Standard; PEL = permissible exposure limit; TLV = threshold limit value; TWA = time-weighted average; LD50 / LC50 / EC50 = median lethal dose / lethal concentration / effective concentration; PBT / vPvB = persistent, bioaccumulative, toxic / very persistent, very bioaccumulative; OECD = Organisation for Economic Co-operation and Development; DOT = US Department of Transportation; IMDG = International Maritime Dangerous Goods Code; IATA = International Air Transport Association; TSCA = Toxic Substances Control Act; SARA = Superfund Amendments and Reauthorization Act; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; STOT = specific target organ toxicity; HNOC = hazard not otherwise classified; HMIS = Hazardous Materials Identification System; NFPA = National Fire Protection Association; IARC = International Agency for Research on Cancer; NTP = National Toxicology Program; ACGIH = American Conference of Governmental Industrial Hygienists; PNOC = particulates not otherwise classified; USP = United States Pharmacopeia; FCC = Food Chemicals Codex; AIHA WEEL = American Industrial Hygiene Association Workplace Environmental Exposure Level.

Notes

This is a **Preliminary** SDS compiled by LA Ingredients from published safety data sheets for equivalent material, issued by two independent suppliers, because the product-specific supplier SDS was not yet available. Where the sources differed, the more conservative (more protective) value was used. Physical values may differ from the lot supplied. This SDS will be superseded when the supplier-specific SDS is received.

Where the two sources differed on flash point (128 °C closed cup vs 138 °C open cup) and acute oral toxicity, the more conservative value is shown.

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