

MATERIAL SAFETY - Dipropylene Glycol

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION

Product Name: Dipropylene Glycol
Supplier: Chanjao Longevity Co., Ltd. 375 Pattanakarn Road, Bangkok 10250 Thailand
Emergency Phone No.: +662-002-7-002
Fax No.: +662-717-7176

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Composition (%)
Dipropylene glycol	25265-71-8	100

3. HAZARD IDENTIFICATION

The toxicological properties of this material have been investigated.

Potential Health Effects

Eye: Irritation can develop on susceptible person.
Skin: Irritation can develop on susceptible person.
Ingestion: Irritation can develop on susceptible person.
Inhalation: Irritation can develop on susceptible person.

4. FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Skin Contact: Flush skin with plenty of soap and water – get medical attention if irritation occurs.
Inhalation: Remove from exposure and move to fresh air immediately.
Ingestion: Drink plenty of milk or water.
Notes to Physician: None

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5. FIRE FIGHTING MEASURES

General Information:

Material is combustible at high temperature.

Extinguishing Media:

Dry Chemical, Carbon Dioxide, Foam.

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

7. HANDLING AND STORAGE

Handling:

Keep away from oxidizing agents, excessive heat and sources of ignition.

Storage:

Store in room temperature under a sealed container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection:

Eyes:

Not required but safety glasses may be worn.

Skin:

Not required but lab coats and gloves may be worn.

Clothing:

General lab coats.

Respirators:

Not needed under normal conditions of use.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Slightly viscous liquid
Odor:	Odorless
Taste:	Tasteless
Color:	Clear, Colorless
pH	Not available.
Specific Gravity:	1.025
Vapor Pressure:	> 0 kPa at 20 C.
Melting Point:	Not available
Boiling Point:	231.9C
Molecule Weight:	134.18g/mole

10. STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials.

Incompatibilities:

Oxidizing agents, excessive heat or light

11. TOXICOLOGICAL INFORMATION

LD50/LC50: Acute Oral 14850mg/kg (Rabbit). Acute dermal toxicity >20000mg/kg (Rabbit)

Carcinogenicity: Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity in water (LC50): >5000 mg/l 24 hours [Goldfish]. >10000 mg/l 48 hours [guppy].
>10000 mg/l 48 hours [water flea].

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13. DISPOSAL CONSIDERATION

Waste from Residue/Unused Products:

Dispose of in a manner consistent with federal, state, and local regulations.

This compound is NOT on the EPA Toxic Substances Control Act (TSCA) inventory list.

14. TRANSPORT REGULATIONS

IATA No information available.

IMO No information available.

RID/ADR No information available.

15. REGULATORY INFORMATION

This material is intended to be used as a cosmetic ingredient.

S 24/25 Avoid contact with skin and eyes.

16. OTHER INFORMATION

The information provided in this material safety data sheet is correct to the best of our knowledge. No warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Chanjao Longevity assumed no responsibility for any personal injury or property damage caused by the materials. Users assume all risks associated with the use of the materials.
