

## SAFETY DATA SHEET

### DIPROPYLENE GLYCOL (DPG)

CAS No.: 25265-71-8

This Safety Data Sheet is compiled from well-established published chemical, GHS classification and regulatory reference sources for this substance. It is supplied by Suraj Chemicals as the distributor/supplier of record and is not a manufacturer-issued document. Users should also consult the specific manufacturer's SDS where available.

#### 1. IDENTIFICATION

|                     |                                                                                           |
|---------------------|-------------------------------------------------------------------------------------------|
| Product Name        | Dipropylene Glycol (DPG)                                                                  |
| CAS Number          | 25265-71-8                                                                                |
| Recommended Use     | Industrial / commercial chemical trading and distribution                                 |
| Supplier            | Suraj Chemicals, No 92, Govindappa Naicken Street, Shiva Complex, Chennai - 600001, India |
| Emergency Telephone | +91 - 9840284032, 9176135357 / +91 - 44 - 25393652                                        |

#### 2. HAZARD(S) IDENTIFICATION

|                          |                |
|--------------------------|----------------|
| GHS Signal Word          | Not classified |
| HAZARD CLASSIFICATION    | None assigned  |
| HAZARD STATEMENTS        | None assigned  |
| PRECAUTIONARY STATEMENTS | None assigned  |

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Chemical Name      | Dipropylene Glycol (DPG)                         |
| CAS Number         | 25265-71-8                                       |
| Physical State     | Liquid                                           |
| Appearance / Odour | Colorless, viscous, essentially odorless liquid. |

#### 4. FIRST-AID MEASURES

|              |                                                                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact  | Rinse cautiously with water for several minutes if irritation occurs; remove contact lenses if present; seek medical attention if irritation persists. |
| Skin Contact | Wash off with water; not expected to cause more than transient irritation.                                                                             |
| Inhalation   | Remove to fresh air; low volatility limits typical inhalation exposure; seek medical attention if symptoms occur.                                      |
| Ingestion    | Rinse mouth; give water to drink; low acute toxicity but seek medical advice if large amounts are ingested or discomfort occurs.                       |

#### 5. FIRE-FIGHTING MEASURES

|                                |                                                                                                                                                                                            |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media   | Dry chemical, carbon dioxide, alcohol-resistant foam, or water spray/fog; use media appropriate to the surrounding fire since this product's high flash point limits its own flammability. |
| Unsuitable Extinguishing Media | None specifically identified.                                                                                                                                                              |
| Special Hazards                | Combustible liquid with a high flash point; when heated, may release irritating vapors; combustion produces carbon monoxide and carbon dioxide.                                            |

#### 6. ACCIDENTAL RELEASE MEASURES

|          |                                                                                                                                                                              |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measures | Contain the spill with inert absorbent; the material is water-miscible and can be diluted with water in a controlled area; collect for disposal; floors may become slippery. |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 7. HANDLING AND STORAGE

|                      |                                                                                                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling Precautions | Use with general ventilation; avoid prolonged skin/eye contact as good industrial hygiene practice; standard PPE recommended for bulk handling.                          |
| Storage Conditions   | Store in a cool, dry, well-ventilated place in tightly closed containers, away from strong oxidizers; hygroscopic, so keep containers closed to prevent moisture pickup. |

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                       |                                                                                                                                                                                                                           |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure Limits / PPE | No specific occupational exposure limit widely established; general nuisance-vapor/mist guidance applies; use chemical-resistant gloves (nitrile), safety glasses, and general ventilation when handling bulk quantities. |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                            |                                                                  |
|----------------------------|------------------------------------------------------------------|
| Physical State             | Liquid                                                           |
| Appearance / Odour         | Colorless, viscous, essentially odorless liquid.                 |
| Boiling Point              | ~230-233 C                                                       |
| Melting Point              | ~-35 to -40 C (pour point; mixture of isomers)                   |
| Flash Point                | ~121-135 C (closed cup, varies by isomer ratio)                  |
| Density / Specific Gravity | ~1.02-1.03 g/cm3 at 20 C                                         |
| Water Solubility           | Miscible with water in all proportions                           |
| pH Value                   | Not applicable (non-aqueous, essentially neutral organic liquid) |

## 10. STABILITY AND REACTIVITY

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Stability               | Stable under normal conditions of storage and use; hygroscopic. |
| Incompatible Materials  | Strong oxidizing agents and strong acids.                       |
| Hazardous Decomposition | Carbon monoxide and carbon dioxide on combustion.               |

## 11. TOXICOLOGICAL INFORMATION

|         |                                                                                                                                                                                                                                                |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Summary | Low acute oral, dermal and inhalation toxicity; not classified as an irritant, sensitizer, carcinogen, mutagen or reproductive toxicant under GHS based on available data; widely used in cosmetic, personal care and industrial formulations. |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 12. ECOLOGICAL INFORMATION

|         |                                                                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Summary | Readily biodegradable with low bioaccumulation potential; not expected to be hazardous to aquatic organisms at normal use/spill concentrations. |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------|

## 13. DISPOSAL CONSIDERATIONS

|                 |                                                                                                                                                                                            |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal Method | Dispose of in accordance with local regulations; generally suitable for dilution to sewer within permitted limits or licensed waste disposal; not typically classified as hazardous waste. |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 14. TRANSPORT INFORMATION

|                        |                             |
|------------------------|-----------------------------|
| UN Number              | Not regulated for transport |
| Transport Hazard Class | Not regulated               |
| Packing Group          | Not applicable              |

## 15. REGULATORY INFORMATION

|       |                                                                                                                                                                                                                                   |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes | Widely used humectant/solvent intermediate in personal care, industrial and unsaturated polyester resin applications; not classified as hazardous under GHS, OSHA HCS or EU CLP; not regulated for transport as a dangerous good. |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 16. OTHER INFORMATION

|               |                                                                                                                                                                                                                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prepared By   | Suraj Chemicals, Technical / QA Desk                                                                                                                                                                                                                                                                                                                                  |
| Date of Issue | 29 Sep 2026                                                                                                                                                                                                                                                                                                                                                           |
| Note          | This SDS is compiled from well-established published GHS hazard classification data and general chemical reference sources for this substance, in the standard 16-section format. Values are believed accurate but Suraj Chemicals makes no warranty, express or implied, regarding their completeness. Users should evaluate suitability for their own specific use. |

(This document is computer generated and therefore does not require any signature.)

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