

**SAFETY DATA SHEET****PROPYLENE GLYCOL N-PROPYL ETHER (PNP)**

CAS No.: 1569-01-3

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	Propylene Glycol n-Propyl Ether (PNP)
CAS Number	1569-01-3
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	Warning
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HAZARD CLASSIFICATION

- Flammable liquid - Category 4
- Serious eye irritation - Category 2B

HAZARD STATEMENTS

- H227 - Combustible liquid
- H320 - Causes eye irritation

PRECAUTIONARY STATEMENTS

- P210 - Keep away from heat, sparks, open flames and hot surfaces; no smoking
- P233 - Keep container tightly closed
- P264 - Wash exposed skin thoroughly after handling
- P280 - Wear protective gloves/eye protection/face protection
- P305+P351+P338 - IF IN EYES: rinse cautiously with water for several minutes; remove contact lenses if present; continue rinsing
- P337+P313 - If eye irritation persists: get medical advice/attention
- P370+P378 - In case of fire, use extinguishing media suitable for the surrounding fire
- P403+P235 - Store in a well-ventilated place and keep cool

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Propylene Glycol n-Propyl Ether (PNP)
CAS Number	1569-01-3
Physical State	Liquid
Appearance / Odour	Colorless liquid with a mild, sweetish ether-like odor.

4. FIRST-AID MEASURES

Eye Contact	Rinse cautiously with water for several minutes; remove contact lenses if present; continue rinsing and 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 and keep at rest in a position comfortable for breathing; seek medical attention if symptoms persist.
Ingestion	Rinse mouth; give water to drink if conscious; seek medical attention if discomfort occurs.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, carbon dioxide, alcohol-resistant foam, or water spray/fog.
Unsuitable Extinguishing Media	None specifically identified.
Special Hazards	Combustible liquid; above its flash point can form flammable vapor-air mixtures; combustion produces carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Measures	Eliminate ignition sources, ventilate the area, contain the spill with inert absorbent, and collect for disposal; water-miscible material can be diluted with water in a controlled area if needed.
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7. HANDLING AND STORAGE

Handling Precautions	Use with adequate ventilation, keep away from heat/open flame, and avoid eye contact.
Storage Conditions	Store in a cool, dry, well-ventilated area away from oxidizers and heat sources, in tightly closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits / PPE	No specific universally-established occupational exposure limit; general glycol ether guidance suggests keeping airborne levels as low as reasonably practicable; use chemical-resistant gloves (nitrile), safety glasses/chemical goggles, and general ventilation.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance / Odour	Colorless liquid with a mild, sweetish ether-like odor.
Boiling Point	~150 C
Melting Point	~-40 C (approximate; remains liquid at typical ambient/storage temperatures)
Flash Point	~54-57 C (closed cup)
Density / Specific Gravity	~0.885-0.89 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.
Incompatible Materials	Strong oxidizing agents and strong acids.
Hazardous Decomposition	Carbon monoxide and carbon dioxide on combustion.

11. TOXICOLOGICAL INFORMATION

Summary	Causes eye irritation; low acute oral and dermal toxicity; considered to have a favorable toxicological profile similar to other propylene-glycol-based (P-series) glycol ethers, with no significant evidence of reproductive, mutagenic or carcinogenic effects in standard testing.
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12. ECOLOGICAL INFORMATION

Summary	Readily biodegradable with low bioaccumulation potential; not expected to be significantly hazardous to aquatic organisms at normal use/spill concentrations.
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13. DISPOSAL CONSIDERATIONS

Disposal Method	Dispose of in accordance with local regulations as a combustible organic waste through a licensed waste management facility; do not discharge undiluted to sewers.
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14. TRANSPORT INFORMATION

UN Number	Not regulated for transport under normal conditions (combustible liquid with flash point >60 C in some formulations; verify against carrier classification for the specific grade)
Transport Hazard Class	Not regulated / Class 3 depending on exact flash point of the batch supplied
Packing Group	Not applicable / III if regulated

15. REGULATORY INFORMATION

Notes	Widely used low-toxicity coatings and cleaning solvent; classified as combustible with eye irritation potential under GHS, OSHA HCS and EU CLP; transport classification should be confirmed against the specific flash point of the supplied batch.
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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.

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