

SAFETY DATA SHEET

BUTYL CARBITOL (DIETHYLENE GLYCOL MONOBUTYL ETHER)

CAS No.: 112-34-5

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	Butyl Carbitol (Diethylene Glycol Monobutyl Ether)
CAS Number	112-34-5
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
HAZARD CLASSIFICATION Serious eye irritation - Category 2A	
HAZARD STATEMENTS H319 - Causes serious eye irritation	
PRECAUTIONARY STATEMENTS - 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 - P501 - Dispose of contents/container in accordance with local regulations	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Butyl Carbitol (Diethylene Glycol Monobutyl Ether)
CAS Number	112-34-5
Physical State	Liquid
Appearance / Odour	Colorless liquid with a mild, characteristic 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; seek medical attention if symptoms occur (low volatility limits typical inhalation exposure).
Ingestion	Rinse mouth; give water to drink if conscious; seek medical attention 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.
Unsuitable Extinguishing Media	None specifically identified.
Special Hazards	Combustible liquid with a relatively high flash point; combustion produces carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Measures	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 general ventilation and avoid eye contact; standard industrial hygiene practices apply given the low volatility and mild hazard profile.
Storage Conditions	Store in a cool, dry, well-ventilated area away from strong oxidizers, in tightly closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits / PPE	ACGIH TLV commonly cited around 10 ppm TWA (skin notation) for diethylene glycol monobutyl ether; 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, characteristic odor.
Boiling Point	~230-231 C
Melting Point	~-68 C
Flash Point	~110-112 C (closed cup)
Density / Specific Gravity	~0.955 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.
Hazardous Decomposition	Carbon monoxide and carbon dioxide on combustion.

11. TOXICOLOGICAL INFORMATION

Summary	Causes serious eye irritation; low acute oral and dermal toxicity; considered to have a favorable toxicological profile among glycol ether solvents, 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 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 (flash point above regulatory threshold)
Transport Hazard Class	Not regulated
Packing Group	Not applicable

15. REGULATORY INFORMATION

Notes	Widely used coatings, printing ink and cleaning solvent; classified as an eye irritant under GHS, OSHA HCS and EU CLP; generally not classified as a dangerous good for transport due to its high flash point.
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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.

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

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