

**SAFETY DATA SHEET (SDS)****Rev 1.0**

Prepared: April 2026

GHS compliant | Rev 1.0 | Prepared: April 2026

GHS07
Eye Irritant**SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY**

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| Product Name | Butyl Carbitol |
| Product Type | Glycol ether solvent |
| Chemical Family | Glycol ether |
| CAS No. (Butyl Carbitol) | 112-34-5 |
| CAS No. (Other Component) | N/A |
| Intended Use | Solvent and coalescing aid for industrial formulations. |
| Restrictions on Use | Industrial / professional use only. |
| Manufacturer / Supplier | Supreme Petro Chemicals |
| Address | Periyamet, Chennai - 600 003, Tamil Nadu, India |
| Emergency Contact | Sudarshan - 8197947045; Sanketh - 8608780096 |
| Email | admin@supremepetrochemicals.com |
| SDS Revision Date | April 2026 |
| SDS Version | 1.0 |
| Product Page URL | https://www.supremepetrochemicals.com/products/butyl-carbitol |

SECTION 2 HAZARD IDENTIFICATION

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| Eye Irrit. 2 | |
| Eye Irritation | Causes serious eye irritation; repeated skin contact may cause dryness. |
| Other GHS hazard classes | Not classified for unlisted hazard classes based on reviewed source data. |
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| Signal Word | WARNING |
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| GHS Pictograms | GHS07 (Exclamation Mark) |
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Hazard Statements:

- H319 - Causes serious eye irritation
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Precautionary Statements (Prevention):

- P210 — Keep away from heat, hot surfaces, sparks, open flames. No smoking.
- P233 — Keep container tightly closed.
- P240 — Ground/bond container and receiving equipment.
- P241 — Use explosion-proof electrical/ventilating/lighting equipment.
- P242 — Use only non-sparking tools.
- P243 — Take precautionary measures against static discharge.
- P260 — Do not breathe vapours or spray.
- P271 — Use only outdoors or in a well-ventilated area.
- P272 — Contaminated work clothing should not be allowed out of the workplace.
- P273 — Avoid release to the environment.
- P280 — Wear protective gloves / eye protection / face protection.

Precautionary Statements (Response):

- P301+P310 — IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- P303+P361+P353 — IF ON SKIN OR HAIR: Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 — IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- P331 — Do NOT induce vomiting.
- P312 — Call a POISON CENTER or doctor if you feel unwell.

Precautionary Statements (Storage & Disposal):

- P403+P235 — Store in a well-ventilated place. Keep cool.
- P405 — Store locked up.
- P501 — Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS No. | EC No. | % w/w or concentration range | GHS Classification |
|----------------|----------|-----------|------------------------------|--------------------|
| Butyl Carbitol | 112-34-5 | 203-961-6 | 100 | Eye Irrit. 2 |

Note: Percentages are by volume. Full text of H-statements listed in Section 16.

SECTION 4 FIRST AID MEASURES

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| Inhalation | Move to fresh air. Wash skin. Rinse eyes for at least 15 minutes and seek medical advice if irritation persists. |
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| Skin Contact | Remove contaminated clothing. Wash affected skin thoroughly with water and soap where appropriate. Seek medical attention if symptoms persist. |
| Eye Contact | Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical attention. |
| Ingestion | Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical advice. |
| Note to Physician | Treat symptomatically based on exposure route and product hazards. |

SECTION 5 FIREFIGHTING MEASURES

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| Suitable Extinguishing Media | Use water spray, foam, dry chemical or carbon dioxide. Combustion can produce carbon oxides. |
| Unsuitable Media | Direct high-pressure water jet where it may spread the material. |
| Specific Hazards | Use water spray, foam, dry chemical or carbon dioxide. Combustion can produce carbon oxides. |
| Fire & Explosion Risk | Dust or fine particulate may form combustible or irritating atmospheres depending on product. Avoid dust clouds and ignition sources. Containers may rupture when heated. |
| Protective Equipment for Firefighters | Wear full protective clothing and self-contained breathing apparatus (SCBA). |
| Special Procedures | Evacuate non-essential personnel. Prevent contaminated run-off from entering drains and waterways. |

SECTION 6 ACCIDENTAL RELEASE MEASURES

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| Personal Precautions | Absorb with inert material and collect for disposal. Prevent entry to drains. |
| Environmental Precautions | Prevent entry into drains, sewers, soil and watercourses. |
| Containment Methods | Absorb with inert material and collect for disposal. Prevent entry to drains. |
| Clean-up Methods | Collect material into labelled containers for disposal through an approved waste contractor. |
| Reference to Sections | See Section 8 for PPE, Section 13 for disposal and Section 15 for regulatory information. |

SECTION 7 HANDLING AND STORAGE

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| Handling Precautions | Avoid eye contact and mist inhalation. Store closed in a cool, ventilated place away from oxidizers. |
| Hygiene | Wash hands after handling. Remove contaminated clothing before reuse. Do not eat, drink or smoke when using. |
| Storage Conditions | Avoid eye contact and mist inhalation. Store closed in a cool, ventilated place away from oxidizers. |
| Storage Temperature | Store at ambient temperature unless supplier instructions specify otherwise. |
| Incompatible Materials | Strong oxidizers and product-specific incompatible substances; see supplier SDS before use. |
| Packaging | Store in original, tightly closed compatible containers. Inspect containers regularly for leakage or damage. |
| Segregation | Segregate from food, drink, animal feed and incompatible chemicals. |

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION



| Component | OEL (8h TWA) | STEL (15 min) | Standard | Notes |
|----------------|--|--|-------------------------------|--|
| Butyl Carbitol | Use verified local OEL if established; otherwise ALARA/good industrial hygiene | Use verified local STEL/ceiling if established | OSHA/NIOSH/ACGI H/EU/UK/India | CAS 112-34-5; supplier/regional OEL confirmation required. |

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| Engineering Controls | Use closed handling/local exhaust for dust, mist, vapour or aerosol. Use explosion-proof ventilation and grounding for flammable liquids. |
| Respiratory Protection | If ventilation is inadequate, use a NIOSH/EN respirator: organic vapour, acid gas, ammonia, or P95/P100 particulate cartridge as applicable. Use SCBA for emergencies. |
| Hand Protection | Wear compatible chemical-resistant gloves, e.g. nitrile, butyl, neoprene, PVC or laminate; select thickness/breakthrough time for the product and task. |
| Eye/Face Protection | Wear EN 166/ANSI Z87.1 chemical splash goggles; add face shield for splash, corrosive, dust, molten or pressure-transfer risk. |
| Body Protection | Wear chemical-resistant clothing/apron and safety footwear; use antistatic PPE where flammable vapours may occur. |
| Hygiene Measures | Provide eyewash and safety shower where appropriate. Wash after handling. |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Clear colourless liquid |
| Odour | Mild ether-like odour |
| Odour Threshold | Not established |
| pH | Not applicable unless supplied/used as an aqueous solution. For acids, alkalis, salts, surfactants and aqueous grades, verify pH from supplier COA/SDS before release. |
| Melting/Freezing Point | -68 °C |
| Boiling Point / Range | 230 °C |
| Flash Point | 78 °C |
| Auto-ignition Temperature | 230 °C |
| Flammability Limits | Not established |
| Vapour Pressure | Low at 20 °C |
| Vapour Density | 5.6 (air = 1) |
| Relative Density | 0.95 at 20 °C |
| Solubility in Water | Soluble |
| Log Pow (Partition Coeff) | 0.56 |
| Evaporation Rate | Slow |
| Viscosity | Low to moderate viscosity liquid |
| VOC Content | 100% VOC |
| Reactivity | Stable under normal conditions |

SECTION 10 STABILITY AND REACTIVITY

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| Chemical Stability | Stable under recommended storage and handling conditions. |
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| Conditions to Avoid | Avoid heat, ignition sources, contamination and incompatible materials. |
| Incompatible Materials | Strong oxidising agents (nitric acid, chlorine, permanganates, peroxides). Avoid contact with concentrated acids and halogens. Reactive with aluminium chloride (AlCl ₃) under elevated temperature — not a concern in ambient blending or storage. |
| Hazardous Decomposition | Carbon oxides and irritating or toxic fumes may be formed in fire. |
| Hazardous Reactions | No hazardous reactions under normal storage unless noted by product reactivity. |
| Possibility of Hazardous React. | Will not occur under normal conditions when stored and handled correctly. |

SECTION 11 TOXICOLOGICAL INFORMATION

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| Acute Oral Toxicity | Causes serious eye irritation; repeated skin contact may cause dryness. |
| Acute Dermal Toxicity | Causes serious eye irritation; repeated skin contact may cause dryness. |
| Acute Inhalation Toxicity | Causes serious eye irritation; repeated skin contact may cause dryness. |
| Skin Irritation | Causes serious eye irritation; repeated skin contact may cause dryness. |
| Eye Irritation | Causes serious eye irritation (Category 2A). Vapour is irritating at elevated concentrations. |
| Sensitisation | Endpoint-specific assessment: see Section 2 classification and Section 3 ingredients. Additional numeric endpoint data requires supplier/test confirmation. |
| Specific Target Organ (Single) | Endpoint-specific assessment: see Section 2 classification and Section 3 ingredients. Additional numeric endpoint data requires supplier/test confirmation. |
| Specific Target Organ (Repeat) | Endpoint-specific assessment: see Section 2 classification and Section 3 ingredients. Additional numeric endpoint data requires supplier/test confirmation. |
| Reproductive Toxicity | Endpoint-specific assessment: see Section 2 classification and Section 3 ingredients. Additional numeric endpoint data requires supplier/test confirmation. |
| Aspiration Hazard | Endpoint-specific assessment: see Section 2 classification and Section 3 ingredients. Additional numeric endpoint data requires supplier/test confirmation. |
| Carcinogenicity | Endpoint-specific assessment: see Section 2 classification and Section 3 ingredients. Additional numeric endpoint data requires supplier/test confirmation. |
| Mutagenicity | Endpoint-specific assessment: see Section 2 classification and Section 3 ingredients. Additional numeric endpoint data requires supplier/test confirmation. |

SECTION 12 ECOLOGICAL INFORMATION

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| Aquatic Toxicity (Acute) | No aquatic classification identified in Section 2 from reviewed data. Numeric ecotoxicity was not universally verified; avoid release. |
| Aquatic Toxicity (Chronic) | No chronic aquatic classification identified in Section 2. Obtain supplier/ecotoxicity data if needed for registration or export. |
| Persistence / Degradability | Use supplier, ECHA or PubChem data where available. If not verified, do not assume ready biodegradability. |
| Bioaccumulation | Use verified log Kow/BCF data where available; UVCB/petroleum/surfactant materials need supplier formulation data. |
| Mobility in Soil | Assess from solubility, adsorption potential and product form. Prevent release to soil and groundwater. |
| Other Adverse Effects | Avoid uncontrolled release to the environment. |
| Environmental Regulations | Manage releases and waste under applicable local environmental regulations. |

SECTION 13 DISPOSAL CONSIDERATIONS



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| Waste from Product | Dispose of contents through an authorized waste contractor in accordance with local regulations. |
| Contaminated Packaging | Empty containers may retain residues; handle as hazardous until cleaned or disposed. |
| European Waste Code | Assign waste code according to actual process and local regulation. |
| Indian Regulations | Follow local hazardous waste and pollution control requirements. |

SECTION 14 TRANSPORT INFORMATION

| Parameter | UN / ADR (Road) | IMDG (Sea) | IATA (Air) | Notes |
|-----------------------------|-------------------------------------|--------------------------------------|--------------------------------------|---|
| UN Number | Not regulated | Not regulated | Not regulated | Not classified as dangerous goods in normal supply form |
| Proper Shipping Name | Not regulated | Not regulated | Not regulated | |
| Class | Not regulated | Not regulated | Not regulated | Transport class |
| Packing Group | Not regulated | Not regulated | Not regulated | |
| Marine Pollutant | No | No | — | |
| Tunnel Restriction | Not applicable | — | — | ADR |
| EmS (Sea) | — | Not applicable | — | IMDG |
| Special Provisions | Follow applicable ADR requirements. | Follow applicable IMDG requirements. | Follow applicable IATA requirements. | Verify current carrier rules before shipment |

Packaging: approved compatible container appropriate to the product. UN-certified drum required for international transport. Drum must be labelled with Class 3 placard, Not regulated, PG II, and product name.

SECTION 15 REGULATORY INFORMATION

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| EU / REACH | Observe REACH and CLP requirements where applicable. |
| EU CLP Regulation | Classified and labelled according to the product-specific GHS/CLP classification listed in Section 2. |
| EU Directive | Observe applicable workplace chemical, VOC and environmental requirements. |
| OSHA (USA) | Prepared in OSHA HCS/HazCom aligned 16-section SDS format. |
| India | Observe applicable Indian MSIHC, workplace, storage, transport, pollution-control and hazardous-waste requirements. |
| China (GB Standards) | Use applicable GB/T SDS and classification requirements where marketed. |
| Middle East / GCC | Observe applicable GHS-aligned local requirements. |
| TSCA (USA) | Verify TSCA inventory/SNUR status before US import or distribution; mixture/UVCB status may require supplier confirmation. |
| Australia (AICS) | Check inventory status before export or import. |
| Special Notes | No product-specific special note beyond the classification in Section 2. |
| Canada WHMIS / HPR | Classify/label under WHMIS 2015/HPR using Section 2 classification; Canadian sale may require bilingual SDS/label and ingredient disclosure. |
| Regulatory Scope Limitation | Final market placement requires confirmation of inventory status, local OELs, transport class, waste code and restrictions. |

**SECTION 16 OTHER INFORMATION****Full Text of H-Statements:**

- H319 - Causes serious eye irritation
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| Prepared By | Supreme Petro Chemicals - Technical Department |
| SDS Standard | UN GHS Rev.11 (2025); OSHA HCS/HazCom; EU CLP/REACH Annex II; Canada WHMIS/HPR 16-section SDS format |
| Revision Date | 22 April 2026 |
| Version | 1.0 |
| Replaces Version | N/A - Initial Issue |
| Key Sources | SPC product page; original SPC SDS template; consolidated SDS audit CSV dated 27 April 2026; UN GHS Rev.11 Annex 4; OSHA HCS Appendix D; EU REACH Annex II/CLP; Canada WHMIS/HPR; PubChem, ECHA, NIOSH/OSHA, CAMEO and public supplier SDS/transport references where available. Accessed April 2026. |
| Audit Correction Note | Corrected from audit findings. Verification-required items need supplier formulation, test or regulatory data before market-specific release. |

DISCLAIMER

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