



SUPREME PETRO CHEMICALS

IMPORTER & DISTRIBUTOR OF INDUSTRIAL CHEMICALS ·
SINCE 1997

No. 145, 1st Floor, Raja Muthiah Road,
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admin@supremepetrochemicals.com

SAFETY DATA SHEET (SDS)

Butyl Acetate *SDS*

REV 3.1

29 JULY 2026

GHS REV.11 (2025)

CAS 123-86-4

EC 204-658-1

SIGNAL WORD **DANGER**

GHS02

Flammable Liquid

GHS07

Health Hazard / Irritant

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

Product Name	Butyl Acetate
Product Type	Ester solvent
Chemical Family	Aliphatic ester
CAS No.	123-86-4
EC No.	204-658-1
Intended Use	Solvent for coatings, inks and adhesives. Industrial / professional use only.
Restrictions on Use	Industrial / professional use only.
Supplier	Supreme Petro Chemicals
Address	No. 145, 1st Floor, Raja Muthiah Road, Periyamet, Chennai – 600003, India
Emergency Contact	Sanketh — +91 86087 80096 · Sudarshan — +91 81979 47045
Email	admin@supremepetrochemicals.com
Product Page	https://www.supremepetrochemicals.com/products/butyl-acetate
SDS Revision	July 2026
SDS Version	3.1

SECTION 2 HAZARD IDENTIFICATION

Flam. Liq. 3 (H226); STOT SE 3 (H336); EUH066

GHS Classification

Flammable Liquids, Category 3 — H226; STOT Single Exposure, Category 3 — H336; EUH066 (EU supplemental hazard)



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Signal Word	WARNING
GHS Pictograms	GHS02 (Flame) GHS07 (Exclamation Mark)
Other GHS Hazard Classes	Not classified for unlisted hazard classes based on reviewed data.

HAZARD STATEMENTS

- H226 — Flammable liquid and vapour
- H336 — May cause drowsiness or dizziness
- EUH066 — Repeated exposure may cause skin dryness or cracking

PRECAUTIONARY — 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 — RESPONSE / STORAGE / DISPOSAL

- 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.
- P403+P235 — Store in a well-ventilated place. Keep cool.



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- 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	GHS CLASSIFICATION
Butyl Acetate	123-86-4	204-658-1	100	Flam. Liq. 3 (H226); STOT SE 3 (H336); EUH066

Full text of H-statements listed in Section 16.

SECTION 4 FIRST AID MEASURES

Inhalation	Remove person to fresh air. Keep comfortable for breathing. Call a POISON CENTER or doctor if symptoms occur.
Skin Contact	Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Seek medical attention if irritation or symptoms persist.
Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. 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. No specific antidote known.

SECTION 5 FIREFIGHTING MEASURES

Suitable Extinguishing Media	Foam, dry chemical, carbon dioxide (CO ₂) or water fog.
Unsuitable Media	Direct high-pressure water jet — may spread burning liquid.
Specific Hazards	Flammable vapours may form explosive mixtures with air; vapours can travel to ignition sources and flash back. Containers may rupture when heated. Combustion produces carbon oxides and irritating fumes.
Protective Equipment	Wear full protective clothing and self-contained breathing apparatus (SCBA). Use grounded/explosion-proof equipment.
Special Procedures	Evacuate non-essential personnel. Cool fire-exposed containers with water spray. Prevent contaminated fire-fighting run-off from



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entering drains and waterways.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions	Eliminate all ignition sources. Ensure adequate ventilation. Wear appropriate PPE (see Section 8). Keep non-essential personnel away.
Environmental Precautions	Prevent entry into drains, sewers, soil and watercourses. Notify authorities if significant spillage cannot be contained.
Containment / Clean-up	Absorb with inert material (sand, earth, vermiculite). Collect in labelled, closed containers for disposal through an approved waste contractor. Avoid generating vapours.
Reference to Sections	See Section 8 for PPE, Section 13 for disposal, Section 15 for regulatory information.

SECTION 7 HANDLING AND STORAGE

Handling Precautions	Use local exhaust ventilation. Ground and bond containers when transferring. Avoid breathing vapours. Avoid repeated or prolonged skin contact. Use explosion-proof equipment.
Hygiene	Wash hands after handling. Remove contaminated clothing before reuse. Do not eat, drink or smoke when using.
Storage Conditions	Store in original, tightly closed compatible containers in a cool, well-ventilated area away from ignition sources. Inspect containers regularly for leakage or damage.
Storage Temperature	Ambient temperature unless supplier instructions specify otherwise.
Incompatible Materials	Strong oxidising agents (nitric acid, peroxides, permanganates, chlorine). Concentrated acids and halogens. Aluminium chloride under elevated temperature.
Segregation	Segregate from food, drink, animal feed and incompatible chemicals.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit	Butyl Acetate (CAS 123-86-4): use verified local OEL (8h TWA) and STEL per OSHA/NIOSH/ACGIH/EU/UK/India standards. Apply ALARA and good industrial hygiene practice where no OEL is established. Supplier/regional OEL confirmation required.
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Engineering Controls	Use closed handling systems and local exhaust ventilation for vapour. Use explosion-proof ventilation and grounding for flammable liquid handling.
Respiratory Protection	Where ventilation is inadequate, use a NIOSH/EN-approved organic vapour respirator cartridge. Use SCBA for emergencies or high-concentration exposures.
Hand / Eye / Skin	Gloves: chemical-resistant nitrile, butyl rubber, neoprene or PVC; select breakthrough time appropriate to task. Eyes: chemical splash goggles (EN 166 / ANSI Z87.1); add face shield for splash risk. Body: chemical-resistant clothing/apron and safety footwear; antistatic PPE where flammable vapours may be present. Provide eyewash and safety shower.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colourless liquid
Odour	Fruity ester odour
Odour Threshold	Not established
pH	Not applicable (neat liquid; not aqueous solution)
Melting / Freezing Point	-78 °C
Boiling Point / Range	126 °C
Flash Point	22 °C (closed cup)
Auto-ignition Temperature	421 °C
Flammability Limits	LEL 1.2% v/v UEL 7.5% v/v
Vapour Pressure	15 hPa at 20 °C
Vapour Density (air = 1)	4.0
Relative Density	0.88 at 20 °C
Solubility in Water	Slightly soluble
Log Pow (Partition Coeff.)	1.82
Evaporation Rate	Moderate (relative to diethyl ether = 1)
Viscosity	Low viscosity liquid
VOC Content	100%

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage and handling conditions.
Conditions to Avoid	Heat, ignition sources, contamination and incompatible materials.



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Incompatible Materials	Strong oxidising agents (nitric acid, chlorine, permanganates, peroxides). Concentrated acids and halogens. Reactive with aluminium chloride (AlCl ₃) under elevated temperature — not a concern under ambient blending or storage conditions.
Hazardous Decomposition	Carbon oxides (CO, CO ₂) and irritating or toxic fumes may form in fire.
Hazardous Reactions	Will not occur under normal storage and handling conditions.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Low acute oral toxicity based on classification; no H300/H301 assigned. Numeric LD ₅₀ data requires supplier/test confirmation.
Acute Dermal Toxicity	Not classified for acute dermal toxicity. Numeric LD ₅₀ data requires supplier/test confirmation.
Acute Inhalation Toxicity	Not classified for acute inhalation toxicity (H330/H331). STOT SE 3 (H336): vapours may cause drowsiness or dizziness at high concentrations.
Skin Irritation	Not classified as a skin irritant (H315). EUH066: repeated exposure may cause skin dryness or cracking.
Eye Irritation	Not classified for serious eye damage/irritation (H318/H319) based on reviewed data. May cause mild transient irritation on direct contact.
Sensitisation	Not classified as a skin or respiratory sensitiser based on reviewed data.
Carcinogenicity	Not classified as a carcinogen (not listed by IARC, NTP or OSHA). Endpoint data requires supplier confirmation.
Mutagenicity	Not classified for germ cell mutagenicity based on reviewed data.

SECTION 12 ECOLOGICAL INFORMATION

Aquatic Toxicity	No acute or chronic aquatic classification assigned in Section 2 from reviewed data. Avoid uncontrolled release to the environment. Obtain supplier/ecotoxicity data if required for registration or export.
Persistence / Degradability	Butyl acetate is considered readily biodegradable under aerobic conditions. Verify with supplier data if needed for regulatory submission.



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Bioaccumulation	Log Pow 1.82 — low bioaccumulation potential. BCF data requires supplier confirmation.
Mobility in Soil	Slightly soluble; moderate mobility potential in soil and groundwater. Prevent release to soil and groundwater.
Other Adverse Effects	Avoid uncontrolled release to the environment. Manage releases and waste under applicable local environmental regulations.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste from Product	Dispose of contents through an authorised waste contractor in accordance with local/national regulations.
Contaminated Packaging	Empty containers may retain residues; handle as hazardous until cleaned or disposed. Do not re-use for food or drink.
Indian Regulations	Follow applicable Indian hazardous waste rules (Hazardous and Other Wastes Management and Transboundary Movement Rules, 2016) and state Pollution Control Board requirements. Assign waste code according to actual process and local regulation.

SECTION 14 TRANSPORT INFORMATION

PARAMETER	UN / ADR (ROAD)	IMDG (SEA)	IATA (AIR)
UN Number	UN 1123	UN 1123	UN 1123
Proper Shipping Name	BUTYL ACETATES	BUTYL ACETATES	Butyl acetates
Class	3	3	3
Packing Group	III	III	III
Marine Pollutant	No	No	—
Tunnel Restriction	D/E	—	—
EmS (Sea)	—	F-E, S-D	—

Use UN-certified containers appropriate to Packing Group III. Label with Class 3 placard, UN 1123, PG III and product name. Follow applicable ADR, IMDG and IATA requirements in force at time of shipment. Verify current carrier rules before shipment.

SECTION 15 REGULATORY INFORMATION

EU / REACH / CLP	Classified and labelled in accordance with GHS/CLP as listed in Section 2. Observe REACH and CLP requirements where applicable.
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OSHA (USA)	Prepared in OSHA HCS/HazCom–aligned 16–section SDS format. Verify TSCA inventory / SNUR status before US import or distribution.
India	Observe applicable Indian MSIHC Rules, 1989; Hazardous Chemicals Rules; workplace, storage, transport, pollution–control and hazardous–waste requirements.
Other Jurisdictions	China: use applicable GB/T SDS and classification requirements. GCC / Middle East: observe GHS–aligned local requirements. Canada WHMIS 2015/HPR: classify/label using Section 2 classification; Canadian sale may require bilingual SDS/label and ingredient disclosure. Australia (AICS): check inventory status before export or import. Final market placement requires confirmation of local OELs, transport class, waste code and restrictions.

SECTION 16 OTHER INFORMATION

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 format
Revision Date	24 June 2026
Version	3.0 (supersedes prior issues)
Disclaimer	Information is given in good faith and believed accurate at issue. It does not constitute a specification or guarantee; the user is responsible for safe use, handling and compliance.

FULL TEXT OF H-STATEMENTS

- H226 — Flammable liquid and vapour
- H336 — May cause drowsiness or dizziness
- EUH066 — Repeated exposure may cause skin dryness or cracking