

SAFETY DATA SHEET

BUTYL CELLOSOLVE ACETATE

CAS No.: 112-07-2

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 Cellosolve Acetate
CAS Number	112-07-2
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 • Combustible Liquid • Acute Toxicity - Oral (Category 4) • Acute Toxicity - Dermal (Category 4) • Hazardous to the Aquatic Environment - Acute (Category 3)	
HAZARD STATEMENTS • H227 - Combustible liquid • H302 - Harmful if swallowed • H312 - Harmful in contact with skin • H402 - Harmful to aquatic life	
PRECAUTIONARY STATEMENTS • P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking • P264 - Wash exposed skin thoroughly after handling • P270 - Do not eat, drink or smoke when using this product • P280 - Wear protective gloves/eye protection/face protection • P301+P312 - If swallowed: call a poison center/doctor if you feel unwell • P302+P352 - If on skin: wash with plenty of water • P330 - Rinse mouth • P501 - Dispose of contents/container per local regulations	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Butyl Cellosolve Acetate
CAS Number	112-07-2
Physical State	Liquid
Appearance / Odour	Colorless liquid with a mild, sweetish ester-like odor.

4. FIRST-AID MEASURES

Eye Contact	Rinse with plenty of water for at least 15 minutes, removing contact lenses if present; seek medical attention if irritation persists.
Skin Contact	Remove contaminated clothing and wash thoroughly with soap and water; seek medical attention if irritation persists.
Inhalation	Remove to fresh air and keep at rest; seek medical attention if symptoms develop.
Ingestion	Rinse mouth immediately, do not induce vomiting, and seek medical attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, foam, carbon dioxide, or water spray/fog.
Unsuitable Extinguishing Media	Avoid a solid/straight water stream, which may spread the fire.
Special Hazards	Combustible liquid; vapours are heavier than air and may travel to an ignition source and flash back; closed containers may rupture under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Measures	Eliminate ignition sources, ventilate the area, contain the spill with inert absorbent, and prevent entry into drains, soil, or waterways.
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7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits / PPE	No substance-specific OEL is widely established; the parent glycol ether 2-butoxyethanol has an ACGIH TLV of 20 ppm (skin notation) and is used as general guidance; wear nitrile gloves, safety glasses, and use with adequate ventilation, adding a NIOSH-approved respirator if needed.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance / Odour	Colorless liquid with a mild, sweetish ester-like odor.
Boiling Point	188-195
Melting Point	-63 to -64
Flash Point	71-78 (closed cup)
Density / Specific Gravity	0.938-0.942 g/cm3 at 20C
Water Solubility	Slightly soluble, approximately 1.1-1.5% at 20C
pH Value	Not applicable

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of storage and use.
Incompatible Materials	Strong oxidizing agents and strong acids/bases.
Hazardous Decomposition	Carbon monoxide, carbon dioxide, and may release butoxyethanol/acetic acid fragments on combustion.

11. TOXICOLOGICAL INFORMATION

Summary	Low-to-moderate acute oral toxicity (rat LD50 approximately 2,400-3,200 mg/kg); may cause mild skin and eye irritation; can hydrolyze in the body to 2-butoxyethanol, a glycol ether associated with red blood cell effects (hemolysis) at high exposure levels in animal studies; no significant evidence of carcinogenicity.
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12. ECOLOGICAL INFORMATION

Summary	Harmful to aquatic life; expected to be moderately biodegradable with low bioaccumulation potential.
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13. DISPOSAL CONSIDERATIONS

Disposal Method	Dispose of as combustible chemical waste through a licensed waste contractor per local regulations.
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14. TRANSPORT INFORMATION

UN Number	UN1993 (Flammable liquid, n.o.s.) for bulk shipment; may be exempt from regulation in non-bulk packaging in some jurisdictions given its flash point above 60C
Transport Hazard Class	3
Packing Group	III

15. REGULATORY INFORMATION

Notes	Listed on the TSCA (US) and REACH (EU) inventories; common coalescing/film-forming solvent in coatings and inks; check local combustible-liquid and VOC regulations.
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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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+91 - 9840284032, 9176135357
+91 - 44 - 25393652, 42130281
sales@surajchemicals.com
surajchemicals@yahoo.com

No 92, Govindappa Naicken Street
Shiva Complex, Chennai - 600001
www.surajchemicals.com
GST NO : 33ACEPV8190L1ZZ

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