

SAFETY DATA SHEET

N-PROPYL ACETATE

CAS No.: 109-60-4

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	N-Propyl Acetate
CAS Number	109-60-4
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	Danger
HAZARD CLASSIFICATION - Flammable Liquid (Category 2) - Eye Irritation (Category 2) - STOT Single Exposure (Category 3 - narcotic effects)	
HAZARD STATEMENTS - H225 - Highly flammable liquid and vapour - H319 - Causes serious eye irritation - H336 - May cause drowsiness or dizziness	
PRECAUTIONARY STATEMENTS - P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking - P233 - Keep container tightly closed - P240 - Ground/bond container and receiving equipment - P241 - Use explosion-proof electrical/ventilating equipment - P261 - Avoid breathing vapours - 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 - P337+P317 - If eye irritation persists: get medical advice - P403+P235 - Store in a well-ventilated place; keep cool	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	N-Propyl Acetate
CAS Number	109-60-4
Physical State	Liquid
Appearance / Odour	Colorless liquid with a pleasant, fruity (pear-like) odor.

4. FIRST-AID MEASURES

Eye Contact	Rinse with plenty of water for at least 15 minutes, removing contact lenses if present, and seek medical attention if irritation persists.
Skin Contact	Remove contaminated clothing and wash skin thoroughly with soap and water.
Inhalation	Remove to fresh air; if drowsiness, dizziness or breathing difficulty occurs, seek medical attention.
Ingestion	Rinse mouth, do not induce vomiting, and seek medical attention if a significant amount was swallowed.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Alcohol-resistant foam, dry chemical, or carbon dioxide; use water spray to cool exposed containers.
Unsuitable Extinguishing Media	Avoid a solid/straight water stream, which may spread the fire.
Special Hazards	Highly flammable; vapour is denser than air and may travel along the ground to an ignition source; static discharge can ignite vapours; closed containers may rupture when heated.

6. ACCIDENTAL RELEASE MEASURES

Measures	Eliminate all ignition sources, ventilate the area, use non-sparking/explosion-proof equipment, contain the spill with inert absorbent, and prevent entry into drains or waterways.
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7. HANDLING AND STORAGE

Handling Precautions	Use only with explosion-proof ventilation and equipment, ground/bond containers during transfer, avoid static discharge, and keep away from heat, sparks, and open flame.
Storage Conditions	Store in a flammable liquids store/cabinet in a cool, well-ventilated area away from oxidizers, heat, and ignition sources, in tightly closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits / PPE	ACGIH TLV 100 ppm TWA; OSHA PEL 200 ppm TWA; wear chemical splash goggles, nitrile/PV chemical-resistant gloves, antistatic protective clothing, and a NIOSH-approved organic vapour respirator if ventilation is inadequate.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance / Odour	Colorless liquid with a pleasant, fruity (pear-like) odor.
Boiling Point	101-102
Melting Point	-95
Flash Point	14 (closed cup)
Density / Specific Gravity	0.886-0.888 g/cm3 at 20C
Water Solubility	Slightly soluble, approximately 1.8-2.3 g/100 mL at 20C
pH Value	Not applicable

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions of storage and use; highly flammable.
Incompatible Materials	Strong oxidizing agents and strong acids/bases (hydrolysis risk).
Hazardous Decomposition	Carbon monoxide and carbon dioxide on combustion.

11. TOXICOLOGICAL INFORMATION

Summary	Low acute toxicity (rat oral LD50 typically well above 5,000 mg/kg); vapours can irritate the eyes and mucous membranes and cause CNS depression (headache, dizziness, drowsiness) at high concentrations; no significant evidence of carcinogenicity, mutagenicity, or reproductive toxicity.
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12. ECOLOGICAL INFORMATION

Summary	Expected to volatilize and biodegrade rapidly with low bioaccumulation potential; not broadly classified as hazardous to the aquatic environment under GHS.
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13. DISPOSAL CONSIDERATIONS

Disposal Method	Dispose of as flammable liquid waste through a licensed waste contractor per local/federal regulations; do not discharge to sewers.
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14. TRANSPORT INFORMATION

UN Number	UN1276
Transport Hazard Class	3
Packing Group	II

15. REGULATORY INFORMATION

Notes	Listed on the TSCA (US) and REACH (EU) inventories; a VOC-regulated solvent commonly used in coatings, inks, and adhesives - confirm local VOC exemption status where applicable.
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16. OTHER INFORMATION

Prepared By	Suraj Chemicals, Technical / QA Desk
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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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