



SAFETY DATA SHEET

SOLVENT NAPHTHA (MEDIUM), C10

CAS No.: 64742-82-1

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	Solvent Naphtha (Medium), C10
CAS Number	64742-82-1
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 3 • Aspiration hazard - Category 1 • Skin irritation - Category 2 • Specific target organ toxicity, single exposure - Category 3 (narcotic effects) • Chronic aquatic toxicity - Category 2	
HAZARD STATEMENTS • H226 - Flammable liquid and vapour • H304 - May be fatal if swallowed and enters airways • H315 - Causes skin irritation • H336 - May cause drowsiness or dizziness • H411 - Toxic to aquatic life with long lasting effects	
PRECAUTIONARY STATEMENTS • P210 - Keep away from heat, sparks, open flames and hot surfaces; no smoking • P233 - Keep container tightly closed • P240 - Ground/bond container and receiving equipment • P261 - Avoid breathing vapours • P273 - Avoid release to the environment • P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor • P331 - Do NOT induce vomiting • P302+P352 - IF ON SKIN: wash with plenty of water • P403+P233 - Store in a well-ventilated place; keep container tightly closed	

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Solvent Naphtha (Medium), C10
CAS Number	64742-82-1
Physical State	Liquid
Appearance / Odour	Clear, colorless to pale yellow liquid with a characteristic petroleum/aromatic odor.

4. FIRST-AID MEASURES

Eye Contact	Rinse cautiously with water for several minutes; remove contact lenses if present; seek medical attention if irritation persists.
Skin Contact	Remove contaminated clothing and wash skin with plenty of soap and water; seek medical attention if irritation persists.
Inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing; seek medical attention if symptoms of dizziness or drowsiness persist.
Ingestion	Do NOT induce vomiting due to aspiration hazard; rinse mouth; seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, carbon dioxide, alcohol-resistant foam, or water spray/fog to cool exposed containers.
Unsuitable Extinguishing Media	Avoid a straight/high-pressure water stream, which can spread the fire.
Special Hazards	Flammable liquid producing vapor that can form explosive mixtures with air and may travel to an ignition source; combustion produces carbon monoxide, carbon dioxide and possible aromatic hydrocarbon fumes; cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Measures	Eliminate ignition sources, ventilate the area, contain the spill with inert absorbent, prevent entry into drains/waterways (harmful to aquatic life), and collect for disposal using non-sparking tools.
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7. HANDLING AND STORAGE

Handling Precautions	Use with adequate ventilation, keep away from heat/sparks/open flame, use grounded/bonded equipment, and avoid prolonged or repeated skin contact and vapor inhalation.
Storage Conditions	Store in a cool, well-ventilated area rated for flammable liquids, away from oxidizers and ignition sources, in tightly closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits / PPE	OSHA/ACGIH guidance for petroleum naphtha/stoddard solvent range ~100 ppm TWA (varies by specific composition); use solvent-resistant gloves (nitrile, Viton), chemical splash goggles, and a NIOSH-approved organic vapor respirator where levels exceed exposure limits.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance / Odour	Clear, colorless to pale yellow liquid with a characteristic petroleum/aromatic odor.
Boiling Point	~160-200 C (distillation range)
Melting Point	Not applicable (complex hydrocarbon mixture; pour point roughly below -20 C)
Flash Point	~40-45 C (closed cup)
Density / Specific Gravity	~0.78-0.80 g/cm3 at 15 C
Water Solubility	Practically insoluble in water
pH Value	Not applicable (non-aqueous hydrocarbon mixture)

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	Aspiration hazard if swallowed (can enter the lungs and cause chemical pneumonitis); vapor may cause drowsiness, dizziness and central nervous system depression at high concentrations; causes skin irritation with repeated/prolonged contact; not classified as a human carcinogen based on available data.
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12. ECOLOGICAL INFORMATION

Summary	Toxic to aquatic organisms with long-lasting effects; low water solubility but can form a surface film; not readily biodegradable in some fractions; should be prevented from entering waterways.
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13. DISPOSAL CONSIDERATIONS

Disposal Method	Dispose of as hazardous waste through a licensed waste management/incineration facility in accordance with local regulations; do not discharge to sewers or waterways.
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14. TRANSPORT INFORMATION

UN Number	UN1268 (Petroleum distillates, n.o.s.) or UN3082, depending on classification
Transport Hazard Class	Class 3 (Flammable liquid)
Packing Group	III

15. REGULATORY INFORMATION

Notes	Classified as a flammable liquid with aspiration and aquatic hazards under GHS, OSHA HCS and EU CLP; regulated for transport under IMDG/ADR/IATA as UN1268 or equivalent, Class 3, Packing Group III; industrial solvent grade, not for food or pharmaceutical use.
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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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