

**SAFETY DATA SHEET****SOLVENT NAPHTHA (LIGHT), C9**

CAS No.: 64742-94-5

*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 (Light), C9                                                               |
| CAS Number          | 64742-94-5                                                                                |
| 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 |
| <b>HAZARD CLASSIFICATION</b> <ul style="list-style-type: none"><li>• Flammable liquid - Category 3</li><li>• Acute toxicity, inhalation - Category 4</li><li>• Skin irritation - Category 2</li><li>• Specific target organ toxicity, single exposure (narcotic effects) - Category 3</li><li>• Aspiration hazard - Category 1</li><li>• Hazardous to the aquatic environment, chronic - Category 2</li></ul>                                                                                                                                                                                                                                                                         |        |
| <b>HAZARD STATEMENTS</b> <ul style="list-style-type: none"><li>• H226 - Flammable liquid and vapor</li><li>• H304 - May be fatal if swallowed and enters airways</li><li>• H315 - Causes skin irritation</li><li>• H332 - Harmful if inhaled</li><li>• H336 - May cause drowsiness or dizziness</li><li>• H411 - Toxic to aquatic life with long lasting effects</li></ul>                                                                                                                                                                                                                                                                                                            |        |
| <b>PRECAUTIONARY STATEMENTS</b> <ul style="list-style-type: none"><li>• P210 - Keep away from heat/sparks/open flames/hot surfaces - No smoking</li><li>• P233 - Keep container tightly closed</li><li>• P261 - Avoid breathing vapors</li><li>• P264 - Wash hands thoroughly after handling</li><li>• P271 - Use only outdoors or in a well-ventilated area</li><li>• P273 - Avoid release to the environment</li><li>• P280 - Wear protective gloves/eye protection/face protection</li><li>• P301+P310 - If swallowed: immediately call a poison center/doctor</li><li>• P331 - Do NOT induce vomiting</li><li>• P403+P235 - Store in a well-ventilated place. Keep cool</li></ul> |        |

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

|                    |                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------|
| Chemical Name      | Solvent Naphtha (Light), C9                                                             |
| CAS Number         | 64742-94-5                                                                              |
| Physical State     | Liquid                                                                                  |
| Appearance / Odour | Colorless to pale yellow, clear liquid with a characteristic aromatic hydrocarbon odor. |

**4. FIRST-AID MEASURES**

|              |                                                                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact  | Rinse cautiously with water for several minutes; remove contact lenses if present. Get medical attention if irritation persists.          |
| Skin Contact | Remove contaminated clothing and wash skin thoroughly with soap and water. Get medical attention if irritation develops.                  |
| Inhalation   | Remove to fresh air immediately. If breathing is difficult, give oxygen; get medical attention if symptoms (dizziness, headache) persist. |
| Ingestion    | Do NOT induce vomiting due to aspiration hazard. Rinse mouth with water and seek immediate medical attention.                             |

**5. FIRE-FIGHTING MEASURES**

|                                |                                                                                                                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media   | Dry chemical, carbon dioxide, alcohol-resistant foam, water spray/fog to cool containers.                                                                                                                                                                 |
| Unsuitable Extinguishing Media | Do not use a direct/solid water stream, which may spread the fire.                                                                                                                                                                                        |
| Special Hazards                | Flammable liquid; vapors are heavier than air, may accumulate in low-lying areas, and can travel to ignition sources and flash back. Combustion produces carbon monoxide, carbon dioxide, and smoke. Closed containers may rupture violently when heated. |

**6. ACCIDENTAL RELEASE MEASURES**

|          |                                                                                                                                                                                                                           |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measures | Eliminate all ignition sources and evacuate/ventilate the area. Contain spill with inert absorbent, prevent entry into drains, sewers, soil, and waterways, and collect waste in closed, labeled containers for disposal. |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 7. HANDLING AND STORAGE

|                      |                                                                                                                                                                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling Precautions | Handle only in a well-ventilated area, away from heat, sparks, and open flame; use non-sparking, grounded/bonded equipment during transfer. Avoid contact with skin/eyes and inhalation of vapors; never siphon by mouth due to the serious aspiration hazard. |
| Storage Conditions   | Store in a cool, well-ventilated, flammable-liquid-rated storage area in tightly closed containers away from heat, ignition sources, and strong oxidizers.                                                                                                     |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                       |                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure Limits / PPE | No single universal exposure limit (UVCB substance); commonly managed to a total hydrocarbon/solvent naphtha guideline around 100 mg/m3 TWA or per relevant xylene/trimethylbenzene component limits. Use chemical splash goggles, chemical-resistant gloves (e.g., nitrile/Viton), and NIOSH-approved organic vapor respirator where ventilation is inadequate. |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                            |                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Physical State             | Liquid                                                                                                                    |
| Appearance / Odour         | Colorless to pale yellow, clear liquid with a characteristic aromatic hydrocarbon odor.                                   |
| Boiling Point              | Approx. 155-185 (distillation range for the C9 aromatic cut; a complex UVCB substance so the exact range varies by grade) |
| Melting Point              | Not applicable (complex hydrocarbon mixture; no defined melting point, pour point typically well below 0 C)               |
| Flash Point                | Approx. 38-43 (closed cup)                                                                                                |
| Density / Specific Gravity | Approx. 0.87-0.89 g/cm3 at 15 C                                                                                           |
| Water Solubility           | Practically insoluble (negligible, generally less than 50 mg/L)                                                           |
| pH Value                   | Not applicable (water-immiscible hydrocarbon mixture)                                                                     |

## 10. STABILITY AND REACTIVITY

|                         |                                                                              |
|-------------------------|------------------------------------------------------------------------------|
| Stability               | Stable under normal conditions of storage and use.                           |
| Incompatible Materials  | Strong oxidizers, strong acids, and halogens.                                |
| Hazardous Decomposition | Combustion produces carbon monoxide, carbon dioxide, and smoke/particulates. |

## 11. TOXICOLOGICAL INFORMATION

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Summary | A severe aspiration hazard: if swallowed and aspirated into the lungs, it can cause chemical pneumonitis and be fatal. Inhalation of vapors can cause central nervous system depression (headache, dizziness, drowsiness) and respiratory irritation, and direct contact causes skin irritation. As a complex aromatic hydrocarbon mixture, prolonged or repeated exposure should be minimized; not classified as a carcinogen based on typical composition, though trace aromatic components warrant caution. |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 12. ECOLOGICAL INFORMATION

|         |                                                                                                                                                                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Summary | Toxic to aquatic organisms with long-lasting effects; classified as chronically hazardous to the aquatic environment. Very low water solubility but can form a persistent surface film and has potential to bioaccumulate in aquatic organisms. |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 13. DISPOSAL CONSIDERATIONS

|                 |                                                                                                                                                                                                                                        |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal Method | Dispose of as hazardous (flammable, aspiration hazard) waste in accordance with local, state, and federal regulations; do not discharge to sewers, soil, or waterways. Incineration by a licensed facility is a common disposal route. |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 14. TRANSPORT INFORMATION

|                        |                            |
|------------------------|----------------------------|
| UN Number              | UN 1268                    |
| Transport Hazard Class | Class 3 (Flammable liquid) |
| Packing Group          | III                        |

## 15. REGULATORY INFORMATION

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes | A UVCB (substance of Unknown or Variable composition, Complex reaction products, or Biological materials) listed on TSCA, REACH/EINECS, and other global inventories; subject to VOC control/reporting requirements in most jurisdictions. Exact hazard classification and physical constants can vary somewhat by supplier/production batch given its complex composition, so batch-specific data should be confirmed against the current supplier certificate of analysis where precision is required. |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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.)

### "DEALERS IN ACIDS, SOLVENTS, MINERALS, BASES AND SPECIALISED CHEMICAL COMPOUNDS"

+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

AUTHORISED DEALER AND IMPORTER FOR  
GRASIM INDUSTRIES (ADITYA BIRLA), BASF (GERMANY), GODREJ INDUSTRIES, SNF (FRANCE)