

## SAFETY DATA SHEET

### SOLVENT 100 (HEAVY AROMATIC SOLVENT)

CAS No.: 64742-95-6

*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 100 (Heavy Aromatic Solvent)                                                      |
| CAS Number          | 64742-95-6                                                                                |
| 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>Aspiration hazard - Category 1</li> <li>Skin irritation - Category 2</li> <li>Specific target organ toxicity, single exposure - Category 3 (narcotic effects)</li> <li>Specific target organ toxicity, repeated exposure - Category 2</li> <li>Chronic aquatic toxicity - Category 2</li> </ul>                                                                                                                                                                                                                                |        |
| <b>HAZARD STATEMENTS</b> <ul style="list-style-type: none"> <li>H226 - Flammable liquid and vapour</li> <li>H304 - May be fatal if swallowed and enters airways</li> <li>H315 - Causes skin irritation</li> <li>H336 - May cause drowsiness or dizziness</li> <li>H373 - May cause damage to organs through prolonged or repeated exposure</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 and hot surfaces; no smoking</li> <li>P233 - Keep container tightly closed</li> <li>P260 - Do not breathe vapours</li> <li>P273 - Avoid release to the environment</li> <li>P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor</li> <li>P331 - Do NOT induce vomiting</li> <li>P302+P352 - IF ON SKIN: wash with plenty of water</li> <li>P314 - Get medical advice/attention if you feel unwell</li> <li>P403+P233 - Store in a well-ventilated place; keep container tightly closed</li> </ul> |        |

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

|                    |                                                                     |
|--------------------|---------------------------------------------------------------------|
| Chemical Name      | Solvent 100 (Heavy Aromatic Solvent)                                |
| CAS Number         | 64742-95-6                                                          |
| Physical State     | Liquid                                                              |
| Appearance / Odour | Clear, colorless to pale yellow liquid with a strong 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 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                | Combustible/flammable liquid producing vapor that can form explosive mixtures with air; combustion produces carbon monoxide, carbon dioxide and aromatic hydrocarbon fumes. |

#### 6. ACCIDENTAL RELEASE MEASURES

|          |                                                                                                                                                                                 |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Measures | Eliminate ignition sources, ventilate the area, contain the spill with inert absorbent, prevent entry into drains/waterways, and collect for disposal using non-sparking tools. |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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 away from oxidizers and ignition sources, in tightly closed containers.                                                           |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                       |                                                                                                                                                                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure Limits / PPE | OSHA/ACGIH guidance for heavy aromatic naphtha typically ~100 mg/m3 TWA (varies by composition); use solvent-resistant gloves, chemical splash goggles, and a NIOSH-approved organic vapor respirator where levels exceed exposure limits. |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                            |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Physical State             | Liquid                                                              |
| Appearance / Odour         | Clear, colorless to pale yellow liquid with a strong aromatic odor. |
| Boiling Point              | ~180-220 C (distillation range)                                     |
| Melting Point              | Not applicable (complex aromatic hydrocarbon mixture)               |
| Flash Point                | ~62-65 C (closed cup)                                               |
| Density / Specific Gravity | ~0.87-0.89 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; vapor may cause drowsiness, dizziness and CNS depression; causes skin irritation; prolonged or repeated exposure may cause organ damage based on constituent aromatic hydrocarbons; not classified as a human carcinogen based on available data, though some aromatic constituents warrant caution on repeated high exposure. |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 12. ECOLOGICAL INFORMATION

|         |                                                                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Summary | Toxic to aquatic organisms with long-lasting effects; low water solubility; not readily biodegradable; should be prevented from entering waterways. |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

## 13. DISPOSAL CONSIDERATIONS

|                 |                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------|
| Disposal Method | Dispose of as hazardous waste through a licensed waste management/incineration facility in accordance with local regulations. |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------|

## 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 flammable with aspiration, repeated-exposure organ and aquatic hazards under GHS, OSHA HCS and EU CLP; regulated for transport under IMDG/ADR/IATA, Class 3, Packing Group III; industrial solvent grade only. |
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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. |

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