ATABAŞ
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SINCE 1981

SAFETY DATA SHEET (SDS)

Solvent Naphtha 100 (Light Aromatic) — Industrial / Coatings Grade

Prepared in accordance with the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals

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CAS No.: 64742-95-6

SECTION 1: Identification

Product Name	Solvent Naphtha 100, Light Aromatic
Synonyms	Aromatic 100; Heavy Aromatic Solvent 100 (trade name); Solvent Naphtha C9
CAS No.	64742-95-6
EC No.	265-199-0
Recommended Use	Diluent/solvent for paints, coatings, printing inks, adhesives, and industrial cleaning
Restrictions on Use	Not for food-contact, pharmaceutical, cosmetic, or potable-water-contact applications
Manufacturer / Supplier	ATABAŞ GLOBAL DIŞ TİCARET ANONİM ŞİRKETİ
Address	Huzur Mahallesi, Azerbaycan Caddesi, Skyland İstanbul 4 B Blok, 27. Kat, Daire 389-390-391, Sarıyer, İstanbul, Türkiye
Telephone	+90 212 801 64 60
Email	ceo@atabas.com.tr
Emergency Contact	Available 24/7 through the above telephone number for transport/handling emergencies

SECTION 2: Hazard(s) Identification

GHS Classification:

- Flammable Liquid: Category 3 (H226) — Flammable liquid and vapour
- Skin Irritation: Category 2 (H315)
- Eye Irritation: Category 2 (H319)
- Specific Target Organ Toxicity – Single Exposure (Respiratory Irritation): Category 3 (H335)
- Aspiration Hazard: Category 1 (H304) — May be fatal if swallowed and enters airways
- Acute/Chronic Aquatic Toxicity: Category 2 (H411) — Toxic to aquatic life with long-lasting effects

GHS Label Elements:

- Signal Word: Danger
- Hazard Statements: H226, H304, H315, H319, H335, H411
- Precautionary Statements: P210, P233, P240, P241, P261, P264, P271, P273, P280, P301+P310, P303+P361+P353, P305+P351+P338, P331, P370+P378, P403+P235, P501

Other Hazards: Being more volatile than heavier aromatic grades, vapours accumulate readily in confined or low-lying spaces, creating a fire/explosion hazard. Prolonged or repeated skin contact may cause defatting and dermatitis.

SECTION 3: Composition / Information on Ingredients

Component	CAS No.	Concentration
Solvent naphtha (petroleum), light aromatic	64742-95-6	≥ 99% (predominantly C9 aromatic hydrocarbons)
1,2,4-Trimethylbenzene	95-63-6	20 – 45% (typical, varies by batch)
Ethyltoluene isomers	25550-14-5	25 – 35% (typical, varies by batch)

Solvent Naphtha 100 is a UVCB substance (Unknown or Variable composition, Complex reaction products, or Biological materials); exact composition varies within the specification range shown in the Product Data Sheet (ATB-PDS-SN100-2026-001).

SECTION 4: First-Aid Measures

- Inhalation: Remove person to fresh air immediately and keep at rest. If breathing is difficult, administer oxygen. Seek medical attention if symptoms persist.
- Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water. Seek medical attention if irritation persists or develops.
- Eye contact: Flush immediately with copious water for at least 15 minutes, holding eyelids open. Remove contact lenses if present. Seek immediate medical attention.
- Ingestion: Do NOT induce vomiting — risk of aspiration into the lungs. Rinse mouth with water. Seek immediate medical attention.

SECTION 5: Fire-Fighting Measures

- Extinguishing media: Dry chemical powder, foam, carbon dioxide (CO_2), water fog/spray. Do NOT use a direct water jet — may spread the fire.
- Specific hazards: Flammable liquid and vapour. Vapours are heavier than air and may travel to an ignition source and flash back. Combustion may produce carbon monoxide and other toxic fumes.
- Protective equipment: Self-contained breathing apparatus (SCBA) and full protective clothing for firefighters. Cool exposed containers with water spray.

SECTION 6: Accidental Release Measures

- Personal precautions: Eliminate all ignition sources. Ensure adequate ventilation. Use appropriate PPE (see Section 8).
- Environmental precautions: Prevent entry into drains, watercourses, and soil. Contain spill with bunding/absorbent material.
- Cleanup: Absorb spilled material with sand, earth, or inert absorbent; transfer to suitable, labelled containers for disposal per Section 13. Ventilate the area.

SECTION 7: Handling & Storage

- Handle only in well-ventilated areas, away from heat, sparks, open flame, and other ignition sources
- Use explosion-proof electrical/ventilation/lighting equipment where required
- Bond and ground containers and equipment during transfer to prevent static discharge
- Store in a cool, dry, well-ventilated area away from oxidising agents, in tightly closed, properly labelled containers
- Keep away from direct sunlight and sources of heat; typical shelf life 24 months in original sealed packaging

SECTION 8: Exposure Controls / Personal Protection

Substance	Exposure Limit (Guidance Value)	Basis
Solvent Naphtha 100, as total hydrocarbon vapour	100 mg/m³ (8-hr TWA), 480 mg/m³ (15-min STEL)	ACGIH/OSHA-aligned guidance value

- Engineering controls: Local exhaust ventilation at points of vapour generation; general dilution ventilation where required
- Eye/face protection: Chemical safety goggles or face shield
- Skin protection: Solvent-resistant gloves (e.g., nitrile or Viton); protective clothing to minimise skin contact
- Respiratory protection: Not normally required in well-ventilated areas; for confined spaces or elevated vapour concentrations, use an approved organic-vapour respirator

SECTION 9: Physical & Chemical Properties

Appearance	Clear, colourless liquid
Odour	Characteristic aromatic hydrocarbon odour
Flash Point (Closed Cup)	38°C min. (typically 40–43°C), ASTM D93
Boiling Range	155°C – 185°C, ASTM D86
Density @ 15°C	0.87 – 0.88 g/cm³
Solubility in Water	Negligible / insoluble
Vapour Density (air = 1)	> 1 (heavier than air)
Auto-ignition Temperature	> 430°C (typical for C9 aromatics)

SECTION 10: Stability & Reactivity

- Stable under normal storage and handling conditions
- Hazardous polymerisation: does not occur
- Conditions to avoid: heat, open flame, sparks, and other ignition sources; direct sunlight
- Incompatible materials: strong oxidising agents
- Hazardous decomposition products (on combustion): carbon monoxide, carbon dioxide, and other hydrocarbon combustion products

SECTION 11: Toxicological Information

- Acute toxicity: Low acute oral/dermal toxicity; inhalation of vapours may cause irritation of the respiratory tract, headache, dizziness, and narcotic effects at high concentrations
- Skin/eye irritation: Irritating to skin and eyes on direct or prolonged contact
- Aspiration hazard: May be fatal if swallowed and enters the airways due to low viscosity
- Repeated exposure: Prolonged or repeated skin contact may cause defatting and dermatitis; chronic inhalation exposure should be avoided via the engineering/PPE controls in Section 8

SECTION 12: Ecological Information

- Aquatic toxicity: Toxic to aquatic organisms, with long-lasting effects (H411)
- Persistence/degradability: Not readily biodegradable
- Bioaccumulation: Potential for bioaccumulation in aquatic organisms due to hydrocarbon content
- Prevent product from entering drains, soil, or watercourses

SECTION 13: Disposal Considerations

- Dispose of in accordance with applicable local, national, and international waste regulations
- Do not discharge to drains, watercourses, or soil
- Contaminated packaging should be disposed of via an authorised waste contractor; do not reuse for food or water storage

SECTION 14: Transport Information

UN Number	UN 1300
UN Proper Shipping Name	NAPHTHA, SOLVENT
Transport Hazard Class	Class 3 (Flammable Liquid)
Packing Group	III
Marine Pollutant	Yes
Special Precautions	Transport in accordance with applicable IMDG/ADR/RID provisions; keep away from ignition sources during transport

SECTION 15: Regulatory Information

- Classified and labelled in accordance with the UN Globally Harmonized System (GHS)
- Aromatic content should be verified against destination-country REACH/chemical inventory requirements prior to shipment
- Buyer/end-user is responsible for compliance with all applicable local occupational health, safety, and environmental regulations at destination

SANCTIONS AND TRADE COMPLIANCE

ATABAŞ GLOBAL DIŞ TİCARET ANONİM ŞİRKETİ conducts its business in full compliance with the economic and trade sanctions regimes administered by the United States (OFAC), the European Union, the United Kingdom (OFSI) and the United Nations Security Council. ATABAŞ does not work with sanctioned countries, sanctioned companies, sanctioned individuals or sanctioned vessels, and does not supply, source, finance or transport goods in breach of these regimes. All counterparties are subject to Know-Your-Customer and sanctions screening before contract signature and throughout performance.

SECTION 16: Other Information

This Safety Data Sheet has been prepared by ATABAŞ GLOBAL DIŞ TİCARET ANONİM ŞİRKETİ in the standard 16-section GHS format to assist customers, logistics providers, and handlers in the safe transport, storage, and use of Solvent Naphtha 100 (Light Aromatic). The information contained herein is provided in good faith and is believed to be accurate as of the date of issue; it does not constitute a warranty of any kind. Users must independently determine the suitability of the product for their intended application and comply with all applicable regulations. This SDS supersedes all previous versions for this product grade.

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