

TECHNICAL DATA SHEET (TDS)

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

Document Ref.: ATB-TDS-SN100-2026-001

Revision: Rev. 01

Date of Issue: 21 August 2026

CAS No.: 64742-95-6

EC No.: 265-199-0

1. Product Description

Solvent Naphtha 100 (Light Aromatic) is a petroleum-derived aromatic hydrocarbon solvent consisting predominantly of C9 aromatic hydrocarbons (principally trimethylbenzene isomers and ethyltoluenes). It has a lower boiling range and faster evaporation rate than Solvent Naphtha 150, making it suitable for fast-drying paint, coating, and industrial cleaning formulations.

2. Applications

- Diluent/thinner for fast-drying alkyd and oil-based paints, varnishes, and lacquers
- Carrier solvent in printing inks and adhesive formulations
- Industrial degreasing and parts cleaning
- Carrier/diluent in agrochemical (pesticide) formulations
- Rubber processing and polymer solvent applications

3. Typical Physical & Chemical Properties

Property	Typical Value	Test Method
Appearance	Clear, colourless liquid	Visual
Colour (Saybolt)	+28 min.	ASTM D156
Density @ 15°C	0.87 – 0.88 g/cm³	ASTM D4052
Flash Point (Closed Cup)	38°C min. (typically 40–43°C)	ASTM D93
Initial Boiling Point (IBP)	155°C min.	ASTM D86
Final Boiling Point (FBP / Dry Point)	185°C max.	ASTM D86
Distillation Range (typical)	162°C – 178°C	ASTM D86
Aromatic Content	99% min.	ASTM D1319
Sulphur Content	10 ppm max.	ASTM D5453
Water Content	0.01% max.	ASTM D1364 / Karl Fischer
Acidity	Neutral (no free acid)	ASTM D1093
Copper Corrosion (3h @ 50°C)	Class 1	ASTM D130
Evaporation Rate (n-BuAc = 1)	0.1 (medium-fast evaporating)	ASTM D3539
Kauri-Butanol (KB) Value	92 min.	ASTM D1133

The values above represent typical commercial-grade specification limits and expected production values; they do not represent a specific production lot. Actual per-lot results are confirmed on the Certificate of Analysis (CoA) issued with each shipment.



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Refineries and Companies
of which it is the official supplier



4. Packaging

- Bulk — ISO tank container or flexi-tank (20 ft container)
- Steel drums — 200 L new steel drums, UN-approved, on pallets
- HDPE drums — 200 L UN-approved HDPE drums, 4 ft container loads

5. Storage & Handling

- Store in closed containers in a cool, dry, well-ventilated area, away from direct sunlight, heat, and sources of ignition
- Keep containers tightly sealed to prevent evaporation and moisture ingress
- Storage tanks/drums should be electrically bonded and grounded to control static discharge during transfer
- Typical shelf life: 24 months from date of production in original sealed packaging, under recommended storage conditions

6. Quality Assurance & Documentation

- Certificate of Analysis (CoA) issued for each production batch
- Independent third-party inspection (SGS, Intertek, or equivalent) available upon Buyer's request
- Safety Data Sheet (SDS) available — ref. ATB-MSDS-SN100-2026-001

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.

7. Disclaimer

The technical data presented in this document reflect typical properties of ATABAŞ GLOBAL DIŞ TİCARET ANONİM ŞİRKETİ's Solvent Naphtha 100 (Light Aromatic) and are provided for general information purposes. Values are subject to normal manufacturing and testing tolerances and do not constitute a guarantee of specific properties for any given shipment. Final product specification and quality shall be governed exclusively by the terms of the applicable Sales & Purchase Agreement and the Certificate of Analysis issued for each shipment.

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