SAFETY DATA SHEET

Aromatic Naphtha, Type II

Revised: 07/01/2026

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Aromatic Naphtha, Type II
Synonyms: Aromatic Naphtha, Type II
CAS Number: 64742-95-6
Grade/Purity: Type II
Product Type: Flammable Aromatic Hydrocarbon Solvent (Liquid)
Product Use: Industrial, Manufacturing or Laboratory use
Manufacturer/Supplier: Alliance Chemical, 204 South Edmond St, Taylor, Texas 76574
Information: 512-365-6838 | www.alliancechemical.com
Emergency: CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

2. HAZARDS IDENTIFICATION

Signal Word: Danger

GHS Pictograms:



Hazard Statements:

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H411	Toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Precautionary Statements:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapours or mist.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P370+P378	In case of fire: Use dry chemical, CO2, foam, or water fog to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.

P501	Dispose of contents and container in accordance with all applicable regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	% MIN	% MAX	CAS #	EINECS# / ELINCS#	FORMULA	MOLECULAR WEIGHT
Aromatic Naphtha	100	100	64742-95-6	265-199-0	Aromatic hydrocarbon mixture	Varies g/mol

4. FIRST-AID MEASURES

Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation persists.
Skin	Remove contaminated clothing. Wash with soap and water. Get medical attention if irritation develops.
Inhalation	Remove to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen. Get medical attention if symptoms persist.
Ingestion	ASPIRATION HAZARD - do NOT induce vomiting. If swallowed, do not give anything by mouth. Aspiration into the lungs can cause chemical pneumonitis, which may be fatal. Immediately call a POISON CENTER or doctor.

5. FIRE-FIGHTING MEASURES

Suitable Media	Alcohol-resistant foam, CO2, dry chemical powder. Water spray may be used to cool fire-exposed containers.
Unsuitable Media	Do not use a solid water stream — may scatter and spread fire.
Protective Equipment	Wear self-contained breathing apparatus and full protective clothing.
Combustion Products	May include carbon oxides and other toxic fumes. See Section 10.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use PPE as described in Section 8. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental	Prevent leakage or spillage from entering drains, sewers, or waterways.
Containment & Cleanup	Absorb with inert material. Collect in appropriate waste container. Dispose per applicable regulations.

7. HANDLING AND STORAGE

Safe Handling	Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Keep container closed when not in use.
Safe Storage	Store in a cool, dry, well-ventilated area away from heat, sparks, and open flame. Keep away from: Strong oxidizers, strong acids, halogens. Keep containers tightly closed. Ground and bond containers when transferring material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation. Provide eyewash stations and quick-drench showers accessible to areas of use.

Occupational Exposure Limits:

AGENCY	EXPOSURE LIMIT
OSHA PEL	No PEL for the mixture; xylenes 100 ppm, cumene 50 ppm (skin); petroleum distillates 500 ppm where applicable
ACGIH TLV	Trimethylbenzene isomers 25 ppm; xylenes 100 ppm / 150 ppm STEL; cumene 50 ppm
NIOSH REL	Treated as petroleum distillate/naphtha; aspiration + CNS the concerns
IDLH	~1000 ppm (related naphthas)

Eyes	Wear chemical safety goggles or face shield.
Skin	Wear chemical-resistant gloves and protective clothing.

Inhalation	Use a NIOSH-approved respirator with organic vapor cartridges. For confined spaces or exposures above the OEL, use supplied-air respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear colorless to pale-yellow liquid, aromatic odor
Odor	Aromatic / solvent hydrocarbon odor
Median Particle Size	Not Applicable
Particle Size Distribution	Not Applicable
Particle Shape	Not Applicable
Surface Area	Not Applicable
Dustiness	Not Applicable
Hygroscopicity	Not Applicable
pH	Not applicable (water-insoluble hydrocarbon)
Melting Point	< -50 C (pour point)
Boiling Point	~160-180 C
Flash Point	~40 C
Vapor Pressure	~1-5 mmHg at 20 C
Specific Gravity	~0.87-0.90
Solubility	Insoluble in water
Molecular Formula	Aromatic hydrocarbon mixture
Molecular Weight	Varies g/mol

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Hazardous Reactions	Vapours may form explosive mixtures with air. Reacts vigorously with strong oxidizers. Accumulates static charge on flow/transfer - ground and bond. No hazardous polymerization.
Conditions to Avoid	Heat, sparks, open flame, and incompatible materials.
Incompatible Materials	Strong oxidizers, strong acids, halogens
Decomposition Products	May produce carbon oxides and other toxic fumes when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: See below for route-specific data.

ROUTE	VALUE
LD50 Oral	> 5000 mg/kg (rat) - low acute oral toxicity
LD50 Dermal	> 2000 mg/kg (rabbit)
LC50 Inhalation	Aspiration and CNS depression are the acute concerns; component-based

IARC	Not listed as carcinogen.
NTP	Not listed as carcinogen.
OSHA	Not listed as carcinogen.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Fish LC50: Toxic to aquatic life (Aquatic Chronic 2, H411); Daphnia EC50: Toxic to aquatic invertebrates [PubChem]
Persistence	Inherently biodegradable (hydrocarbon components)

Bioaccumulation	BCF: Moderate (aromatic components, log Kow > 3)
Mobility in Soil	Low mobility in soil (Log Kow > 3)

13. DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with applicable federal, state, and local regulations. Do not dispose of into drains or waterways.

14. TRANSPORT INFORMATION

US DOT	UN1268, Petroleum distillates, n.o.s., 3, PG III
IMDG	UN1268, Petroleum distillates, n.o.s., 3, PG III
IATA/ICAO	UN1268, Petroleum distillates, n.o.s., 3, PG III
Marine Pollutant	No

15. REGULATORY INFORMATION

TSCA: all components listed (light aromatic solvent naphtha 64742-95-6). SARA 313 (TRI): contains listed components - 1,2,4- and 1,3,5-trimethylbenzene, xylene, and cumene are EPCRA 313 chemicals; report if de minimis exceeded. CERCLA: xylene RQ 100 lb; cumene RQ 5000 lb. California Proposition 65: cumene is listed (carcinogen); if benzene/naphthalene present above trace, additional Prop 65 warnings apply - verify batch. State Right-to-Know: components listed in NJ, PA, MA. US DOT: Class 3, UN1268, PG III (verify PG by lot flash point).	
SARA 311/312	See Section 2 for hazard classifications.

16. OTHER INFORMATION

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