

**SAFETY DATA SHEET: AROMAX 150**

SDS No: TMC-AR-3082

**1. IDENTIFICATION OF CHEMICAL PRODUCT**

**Name of substance:** Aromax 150 | **Chemical Family:** Aromatic

**Product Description:** Clear, colourless liquid

**Supplier:** Transmare-Chemie (Singapore) Pte Ltd  
No. 12 Soon Lee Road, Singapore 628076  
Telephone: (65) 6262 0122  
Facsimile: (65) 6262 0112  
Email: [sales@transmare-chemie.com](mailto:sales@transmare-chemie.com)  
Website: [www.transmare-chemie.com](http://www.transmare-chemie.com)

**2. HAZARDS IDENTIFICATION**

**GHS CLASSIFICATION:**

Flammable Liquid	Category 4
Skin corrosion/irritation	Category 3
Carcinogenicity	Category 2
Acute Toxicity (Oral)	Category 5
Acute Toxicity (Dermal)	Category 5
Aspiration Hazard	Category 1
Aquatic Toxicity (Chronic)	Category 1
Aquatic Toxicity (Acute)	Category 1

**GHS Label Elements**

**Symbols:**



**Signal Word(s):** Danger

**GHS Hazards Statement**

**Physical Hazards:**

H227: Combustible liquid

**Health Hazards:**

H303: May be harmful if swallowed  
H304: May be fatal if swallowed and enters airways  
H313: May be harmful if contact with skin  
H316: Causes mild skin irritation  
H351: Suspected of causing cancer

**Environmental Hazards:**

H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.

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**GHS Precautionary Statement**
**Prevention:**

- P201: Obtain special instructions before use.  
 P202: Do Not handle until all safety precautions have been read and understood.  
 P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.  
 P273: Avoid release to the environment.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:**

- P301+P310: If Swallowed: Immediately call a Poison Centre or doctor/physician.  
 P301+P312: IF Swallowed: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P302+P312:: IF on skin: Call a POISON CENTER/doctor if you feel unwell.  
 P308+P313: If exposed or concerned: Get medical advice/attention.  
 P331: Do Not induce vomiting.  
 P332+P313: If skin irritation occurs: Get medical advice / attention.  
 P370+P378: In case of fire: Use appropriate media for extinction.  
 P391: Collect spillage.

**Storage:**

- P403: Store in a well-ventilated place.  
 P405: Store locked up.

**Disposal**

- P501: Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.

**Other Hazards Which Do Not Result in Classification**

NFPA: Health=2, Fire=2, Reactivity=0

**Aggravated Medical Condition**

N/A

**3. COMPOSITION/ INFORMATION ON INGREDIENTS CAS NUMBER: 64742-94-5**

Chemical Name	CAS Number	Concentration
Solvent Naphtha (petroleum), Heavy Aromatic	64742-94-5	100%

**4. FIRST AID MEASURES**
**Inhalation**

- If exposed or concerned: Get medical advice / attention.
- Do not induce vomiting
- If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.

**Skin Contact**

- If on skin (or hair): Remove/Take off immediately all contaminated clothing.
- If skin irritation occurs: Get medical advice/ attention.

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- Get immediate medical advice/attention.
- Remove and isolate contaminated clothing and shoes.
- In case of burns, immediately cool affected skin for as long as possible with cold water.
- Do not remove clothing if adhering to skin.
- Wash skin with soap and water.

**Eye Contact**

- Call emergency medical service.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.

**Ingestion**

- If swallowed: Immediately call a poison centre or doctor/physician.
- Do not induce vomiting.

**Indication of immediate medical attention and notes for physician**

- Exposures require specialized first aid with contact and medical follow-up.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.



Medical attention.



Emergency shower.



Emergency eyewash.

**5. FIRE FIGHTING MEASURE**

**Extinguishing Media:**

- 1) Suitable extinguishing media
  - Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.
  - Use dry sand or earth to smother fire.
- 2) Unsuitable extinguishing media: Not available
- 3) Unusual fire (big fire): Not available

**6. ACCIDENTAL RELEASE MEASURES**

- Eliminate ignition sources. Prevent liquid enters sewers, water sources, low area.
- Spill with sand, earth. Dilute contained spill with water. Dispose recover material conforms to local regulation.
- Keep public away.

**7. HANDLING AND STORAGE**

**Storage/ Transport Temperature:**

**Loading/ Unloading Temperature:**

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Ambient	Ambient
<p>Ensure all equipment is electrically grounded before beginning transfer operations.          Take precautionary measures against static discharge.          Keep away from heat and sources of ignition.          Avoid breathing mists or vapour. Avoid contact with skin.</p>	

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering Control Measures/Ventilation**

- Use local exhaust ventilation to control process.
- Provide mechanical ventilation of confined spaces.
- Use explosion-proof ventilation equipment.

**Occupational Exposure Limits (OEL) Values**

- Solvent Naphtha (Petroleum), Heavy Aromatic  
RCP-TWA: 17ppm

**Personal Protection**



*Vapor respirator. Gloves. Goggles. Full suit. Footwear.*

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9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State:	Liquid
Form/Color:	Clear / Colourless
Odor:	Aromatic
Flash Point (TCC ASTM D56):	61 - 70 °C
Boiling Point Range:	175-215 °C
Specific Gravity (15.0/15.0):	0.89 – 0.91
Density (15°C):	N/A
Freezing/Melting Point:	-30 – 15 °C
Auto-ignition Temperature:	450°C
Evaporation Rate (n-Bu Acetate=1):	N/A
Vapor Pressure (20°C):	0.07 mmHg
Viscosity (20°C):	0.88 cSt
Solubility in Water (20°C):	108mg/L
Vapor Density (101.3kPa/air = 1):	>1
Molecular Weight:	N/A
Odor Threshold:	N/A
pH:	N/A
Material Hygroscopic:	N/A
Flammability Limit:	0.9 – 7.0vol%
Log Pow: (n-Octanol/Water Partition Coefficient)	3.17 – 4.7

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10. STABILITY AND REACTIVITY	
<b>Hazardous Polymerization:</b>	Will not occur
<b>Stability:</b>	Stable
<b>Materials and Conditions to Avoid:</b>	Strong oxidizing agents. Avoid heat, sparks, flame or other ignition sources.
<b>Hazardous Decomposition Products:</b>	Carbon oxides.

11. TOXICOLOGICAL INFORMATION	
<b>Inhalation:</b>	Irritation to respiratory tract. May cause dizziness. May affect central nervous system.
<b>Skin Contact:</b>	Defat, dry skin. Low order of toxicity.
<b>Eye Contact:</b>	May cause discomfort to the eyes. Will not injure eye tissue.
<b>Ingestion:</b>	Minimal toxicity, small amounts may cause bronchopneumonia or pulmonary edema.

12. ECOLOGICAL INFORMATION	
A. Ecotoxicity :	
- Acute toxicity : Category 1	
- Chronic toxicity : Category 1	
1) Fish	
- [Solvent naphtha (petroleum), heavy arom.] : LL50 2 ~ 5 mg/L 96 hr Oncorhynchus mykiss (OECD TG 203, GLP) (ECHA)	
- [Naphthalene] : LC50 0.77 mg/L 96h Rainbow trout (EHC 202, 1998), LC50 1.6 mg/l 96 hr Oncorhynchus mykiss(ECHA)	
- [1,2,4,5-Tetramethylbenzene] : LC50 30 mg/l 48 hr (ECOTOX)	
2) Crustaceans	
- [Solvent naphtha (petroleum), heavy arom.] : EC50 1.4 mg/L 48hr Daphnia magna (OECD TG 202, GLP) (ECHA)	
- [Naphthalene] : EC50 2.16 mg/l 48 hr Daphnia magna (OECD TG 202) (ECHA)	
- [1,2,4,5-Tetramethylbenzene] : EC50 0.47 mg/l 48 hr Daphnia magna (ECOTOX)	
3) Algae	
- [Solvent naphtha (petroleum), heavy arom.] : EL50 1 ~ 3 mg/L 72hr Pseudokirchneriella subcapitata (OECD TG 201, GLP) (ECHA)	
- [Naphthalene] : Not available	
- [1,2,4,5-Tetramethylbenzene] : Not available	
B. Persistence and degradability :	
1) Persistence	
- [Solvent naphtha (petroleum), heavy arom.] : log Kow 2.9 ~ 6.1 (IUCLID)	
- [Naphthalene] : log Kow 3.7 (ECHA)	
- [1,2,4,5-Tetramethylbenzene] : log Kow 4.14 (IUCLID)	
2) Degradability	
- [Solvent naphtha (petroleum), heavy arom.] : Not available	
- [Naphthalene] : Not available	
- [1,2,4,5-Tetramethylbenzene] : Not available	

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**C. Bioaccumulation potential :**
**1) Bioaccumulative potential :**

- [Solvent naphtha (petroleum), heavy arom.] : BCF 130 ~ 159 (IUCLID)
- [Naphthalene] : Not available
- [1,2,4,5-Tetramethylbenzene] : Not available

**2) Biodegradation :**

- [Solvent naphtha (petroleum), heavy arom.] : Biodegradability 39 (%) 28 day  
(Aerobic, Activated Sludge, Domestic wastewater, Does not decompose easily) (IUCLID)
- [Naphthalene] : Not available
- [1,2,4,5-Tetramethylbenzene] : Not available

**D . Mobility in soil :**

- [Solvent naphtha (petroleum), heavy arom.] : Not available
- [Naphthalene] : Not available
- [1,2,4,5-Tetramethylbenzene] : Not available

**E. Other adverse effects : Not applicable**
**13. DISPOSAL CONSIDERATIONS**

- Combine with other materials to indicate another route of disposal.
- Recycle, recover or dispose empty drums through a suitably qualified or licensed contractor.
- Ensure compliance with national and local regulations.
- NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.
- This product is ash less and can be burned directly in appropriate equipment.
- Contact Transmare-Chemie or local Authorities for more information.

**14. TRANSPORT INFORMATION**

	<b>Land</b>	<b>Sea</b>	<b>Air</b>
<b>Class</b>	9	9	9
<b>Packing Group</b>	III	III	III
<b>UN Number</b>	3082	3082	3082
<b>Transport Document Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S, Class 9, PG III, UN3082 (61 °C c.c.)	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S, Class 9, PG III, UN3082 (61 °C c.c.)	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S

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<b>Others</b>	<b>Hazchem Code:</b> 3Z	<b>Marine Pollutant:</b> Yes <b>EmS:</b> F-A, S-F <b>Risk Label:</b> 9	
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## 15. REGULATORY INFORMATION

### Material is Hazardous according to UN GHS Criteria.

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

#### Local Regulation

Workplace Safety and Health Act & Workplace Safety and Health (General Provision)

Regulations:

This product is subjected to the SDS, Labelling, PEL and other requirements in the Act/Regulations.

Environmental Protection and Management Act and Environmental Protection and Management (Hazardous Substances) Regulations:

This Product is not subjected to control under this Act/Regulation.

Fire Safety Act and Fire Safety (Petroleum and Flammable Materials) Regulations:

This product is subjected to the requirement of this regulation.

#### A. National and/or international regulatory information

- ○ POPs Management Law
  - [Solvent naphtha (petroleum), heavy arom.] : Not applicable
  - [Naphthalene] : Not applicable
  - [1,2,4,5-Tetramethylbenzene] : Not applicable
- Information of EU Classification
  - \* Classification
    - [Solvent naphtha (petroleum), heavy arom.] : H304
    - [Naphthalene] : H302,H351,H400,H410
- U.S. Federal regulations
  - \* OSHA PROCESS SAFETY (29CFR1910.119)
    - Not applicable
  - \* CERCLA Section 103 (40CFR302.4)
    - [Naphthalene] : 45.3599 kg 100 lb
  - \* EPCRA Section 302 (40CFR355.30)
    - Not applicable
  - \* EPCRA Section 304 (40CFR355.40)
    - Not applicable

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- \* EPCRA Section 313 (40CFR372.65)
  - [Naphthalene] : Applicable
- Rotterdam Convention listed ingredients
  - Not applicable
- Stockholm Convention listed ingredients
  - Not applicable
- Montreal Protocol listed ingredients
  - Not applicable

### 16. OTHER INFORMATION

**Revision Date on 2 May 2024**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of Transmare-Chemie Company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.