



SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : A-150
Synonyms : AROMATIC 150

Manufacturer or supplier's details
Solvents and Petroleum Service, Inc.
1405 Brewerton Rd. Syracuse, NY 13208

Phone number : 800-315-4467
Fax Number : 315-454-8230

Emergency telephone number : Chemtrec: 800-424-9300

Recommended use of the chemical and restrictions on use

Recommended use : Solvent.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Colour	Clear colorless
Odour	Aromatic. Sweetish.

GHS Classification

Flammable liquids : Category 4
Skin irritation : Category 2
Eye irritation : Category 2A
Carcinogenicity : Category 2
Specific target organ toxicity - single exposure : Category 3 (Central nervous system)
Specific target organ toxicity - repeated exposure : Category 1 (Eyes, Blood)
Aspiration hazard : Category 1

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GHS Label element

Hazard pictograms



Signal word

: Danger

Hazard statements

: H227 Combustible liquid.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H372 Causes damage to organs (Eyes, Blood) through prolonged or repeated exposure.

Precautionary statements

: **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.
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.
P281 Use personal protective equipment as required.
Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Storage:
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
Disposal:
P501 Dispose of contents/ container to an approved waste

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disposal plant.

Potential Health Effects

- Primary Routes of Entry : Inhalation
Ingestion
Eye contact
Skin contact
Skin Absorption
- Inhalation : Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
Inhalation may cause central nervous system effects.
- Skin : May cause skin irritation.
- Eyes : May irritate eyes.
- Ingestion : Aspiration hazard if swallowed - can enter lungs and cause damage.
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Chronic Exposure : Prolonged skin contact may cause skin irritation and/or dermatitis.
- Aggravated Medical Condition : None known.

Carcinogenicity:

- IARC** Group 2B: Possibly carcinogenic to humans
- Naphthalene 91-20-3
- ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP** Reasonably anticipated to be a human carcinogen
- Naphthalene 91-20-3

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Hazardous components

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Chemical Name	CAS-No.	Concentration (%)
solvent naphtha (petroleum), heavy arom.	64742-94-5	70 - 100 %
naphthalene	91-20-3	0 - 6 %
1,2,4-trimethylbenzene	95-63-6	2 - 6 %
1,2,3-trimethylbenzene	526-73-8	2 - 4 %
indan	496-11-7	0 - 2 %

SECTION 4. FIRST AID MEASURES

- If inhaled : Move to fresh air.
Artificial respiration and/or oxygen may be necessary.
Seek medical advice.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Wash skin thoroughly with soap and water or use recognized skin cleanser.
Wash clothing before reuse.
Seek medical advice.
- In case of eye contact : Remove contact lenses.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Obtain medical attention.
- If swallowed : Rinse mouth with water.
DO NOT induce vomiting unless directed to do so by a physician or poison control center.
Never give anything by mouth to an unconscious person.
Seek medical advice.
- Most important symptoms and effects, both acute and delayed : First aider needs to protect himself.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Dry chemical
Carbon dioxide (CO₂)
Water spray
Water fog.
- Unsuitable extinguishing media : Do NOT use water jet.
- Specific hazards during firefighting : Cool closed containers exposed to fire with water spray.
- Hazardous combustion : Carbon oxides (CO, CO₂), smoke and irritating vapours as products of incomplete combustion.

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- Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
 Ensure adequate ventilation.
 Evacuate personnel to safe areas.
 Material can create slippery conditions.
- Environmental precautions : If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Prevent further leakage or spillage if safe to do so.
 Remove all sources of ignition.
 Soak up with inert absorbent material.
 Non-sparking tools should be used.
 Ensure adequate ventilation.
 Contact the proper local authorities.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : For personal protection see section 8.
 Smoking, eating and drinking should be prohibited in the application area.
 Use only with adequate ventilation.
 In case of insufficient ventilation, wear suitable respiratory equipment.
 Avoid contact with skin, eyes and clothing.
 Do not ingest.
 Keep away from heat and sources of ignition.
 Keep container closed when not in use.
- Conditions for safe storage : Store in original container.
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.
 Keep in a dry, cool and well-ventilated place.
 Keep in properly labelled containers.
 To maintain product quality, do not store in heat or direct sunlight.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible	Basis

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			concentration	
naphthalene	91-20-3	TWA	10 ppm	ACGIH
		STEL	15 ppm	ACGIH
		TWA	10 ppm 50 mg/m ³	NIOSH REL
		ST	15 ppm 75 mg/m ³	NIOSH REL
		TWA	10 ppm 50 mg/m ³	OSHA Z-1
		TWA	10 ppm 50 mg/m ³	OSHA P0
		STEL	15 ppm 75 mg/m ³	OSHA P0
1,2,4-trimethylbenzene	95-63-6	TWA	25 ppm 125 mg/m ³	NIOSH REL
1,2,3-trimethylbenzene	526-73-8	TWA	25 ppm 125 mg/m ³	NIOSH REL

Engineering measures : Use only in well-ventilated areas.
 Ensure that eyewash station and safety shower are proximal to the work-station location.

Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Filter type : A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstances where air-purifying respirators may not provide adequate protection.

Hand protection
 Material

: polyvinyl alcohol (PVA), Viton(R). Consult your PPE provider for breakthrough times and the specific glove that is best for you based on your use patterns. It should be realized that eventually any material regardless of their imperviousness, will get permeated by chemicals. Therefore, protective gloves should be regularly checked for wear and tear. At the first signs of hardening and cracks, they should be changed.

Remarks

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection

: Wear face-shield and protective suit for abnormal processing problems.

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Skin and body protection	: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
Protective measures	: Wash contaminated clothing before re-use.
Hygiene measures	: Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash face, hands and any exposed skin thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Color	: Clear colorless
Odor	: Aromatic. Sweetish.
Odor Threshold	: No data available
pH	: No data available
Melting point	: No data available
Boiling point/boiling range	: 180 - 217 °C (356 - 423 °F)
Flash point	: 63 °C (145 °F) Method: Pensky-Martens closed cup
Fire Point	: No data available
Auto-Ignition Temperature	: 463 °C (865 °F)
Evaporation rate	: < 1 Ether
Flammability	: Combustible, avoid open flames, sparks, static discharge and intense heat.
Upper explosion limit	: 6.4 %(V) Based on 1,2,4 Trimethylbenzene
Lower explosion limit	: 0.9 %(V) Based on 1,2,4 Trimethylbenzene
Vapor pressure	: approximately 0.3 kPa (38 °C / 100 °F)
Relative vapor density	: 4Air = 1
Relative density	: 0.89 - 0.905Water = 1
Density	: No data available
Solubility(ies)	
Solubility in other solvents	: Easily soluble in, diethyl ether, acetone, methanol, Partially soluble in, n-octane, Insoluble in, cold water, hot water

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Partition coefficient: n-octanol/water	: No data available
Viscosity	
Viscosity, dynamic	: approximately 0.97 mPa.s (38 °C)
Viscosity, kinematic	: No data available
Explosive properties	: Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Containers may explode in heat of fire.
Molecular weight	: approximately 135 g/mol

SECTION 10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	: Hazardous polymerisation does not occur. Stable under normal conditions.
Conditions to avoid	: Heat, flames and sparks. Extremes of temperature and direct sunlight.
Incompatible materials	: Reactive with oxidising agents and acids.
Hazardous decomposition products	: May release CO _x , NO _x , smoke and irritating vapors when heated to decomposition.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Inhalation Ingestion Eye contact Skin contact Skin Absorption
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Acute toxicity

Product:

Acute oral toxicity	Remarks: No data available
Acute inhalation toxicity	Remarks: No data available
Acute dermal toxicity	Remarks: No data available

Components:

solvent naphtha (petroleum), heavy aroma.:

Acute oral toxicity	LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	LC50 (Rat): > 0.59 mg/l Exposure time: 4 h

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Acute dermal toxicity LD50 (Rabbit): > 2,000 mg/kg

naphthalene:

Acute oral toxicity LD50 (Rat): 490 mg/kg

Acute inhalation toxicity LC50 (Rat): 141 ppm
Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity LD50 (Rabbit): > 20,000 mg/kg

1,2,4-trimethylbenzene:

Acute oral toxicity LD50 (Rat): 5,000 mg/kg

Acute inhalation toxicity LC50 (Rat): 18 mg/l
Exposure time: 4 h
Test atmosphere: vapour

Skin corrosion/irritation

Product:

Remarks: No data available

Components:

1,2,4-trimethylbenzene:

Result: Mild skin irritation

1,2,3-trimethylbenzene:

Result: Mild skin irritation

Serious eye damage/eye irritation

Product:

Remarks: No data available

Components:

1,2,4-trimethylbenzene:

Result: Mild eye irritation

1,2,3-trimethylbenzene:

Result: Mild eye irritation

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

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No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : Remarks: No data available

Toxicity to daphnia and other aquatic invertebrates : Remarks: No data available

Toxicity to algae : Remarks: No data available

Toxicity to bacteria : Remarks: No data available

Components:

naphthalene

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia (water flea)): 2.16 mg/l
Exposure time: 48 h

EC50 (Daphnia (water flea)): 1.96 mg/l
Exposure time: 48 h

Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 0.4 mg/l
Exposure time: 72 h

Persistence and degradability

Product:

Biodegradability : Remarks: No data available

Bioaccumulative potential

Components:

naphthalene

Partition coefficient: n-octanol/water : log Pow: 3.01 - 3.59

Mobility in soil

No data available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Offer surplus and non-recyclable solutions to a licensed disposal company.
Waste must be classified and labeled prior to recycling or disposal.
Send to a licensed waste management company.
Dispose of as hazardous waste in compliance with local and national regulations.
Dispose of product residue in accordance with the instructions of the person responsible for waste disposal.
- Contaminated packaging : Do not re-use empty containers.
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SECTION 14. TRANSPORT INFORMATION

International Regulation

IATA-DGR

- UN/ID No. : 1268
Proper shipping name : Petroleum distillates, n.o.s.
Class : 3
Packing group : III
Labels : 3
Packing instruction (cargo aircraft) : 366

IMDG-Code

- UN number : 1268
Proper shipping name : PETROLEUM DISTILLATES, N.O.S.
Class : 3
Packing group : III
Labels : 3
EmS Code : F-E, S-E
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

49 CFR

- UN/ID/NA number : 1268
Proper shipping name : Petroleum distillates, n.o.s.
Class : 3
Packing group : III
Labels : 3
ERG Code : 128
Marine pollutant : no

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Non-Bulk Packaging – Non-Regulated Non-DOT

SECTION 15. REGULATORY INFORMATION

The components of this product are reported in the following inventories:

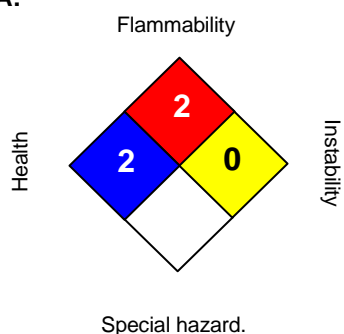
TSCA All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

DSL On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2*
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.