

1. PRODUCT NAME: Aromatic 150
2. CHEMICAL NAME: Solvent Naphtha, Heavy Aromatic
3. SYNONYMS: A 150
4. CAS NUMBER: 64742-94-5
5. COMPOSITION: Solvent Naphtha, Heavy Aromatic - 100%

IN CASE OF  
TRANSPORT EMERGENCY  
CONTACT CHEMTREC  
USA: 1-800-424-9300  
INTERNATIONAL: 1-703-527-3887

6. PROPERTIES: ODOR THRESHOLD: not known  
VAPOUR PRESSURE: 3mmHg/o.4kPa (38 c/100 F)  
EVAPORATION RATE (butyl Acetate=1): 0.06  
VAPOR DENSITY (air=1): 4.6  
BOILING RANGE: 160 c -215 c/320 F- 418 F  
FREEZING POINT: -43 c/-45 F  
SPECIFIC GRAVITY: 0.895 (20/20 c)  
WATER SOLUBILITY: below 0.01% (25 c)  
IN OTHER SOLVENTS: soluble in most organic solvents  
PH: none – does not dissociate into hydrogen ions  
VISCOSITY: 1.33 centistokes (25 c)  
Note: This petroleum distillate is composed of several individual substances. Physical properties may vary beyond above, depending on source.

7. HAZARDS: EMERGENCY OVERVIEW  
Appearance & Odor: Colorless liquid. Aromatic hydrocarbon odor.  
Health Hazards: Toxic and harmful if inhaled. Can cause severe lung damage and may be fatal if swallowed. May cause CNS depression. Physical Hazards: COMBUSTIBLE.

8. FIRE FIGHTING INFORMATION: Flash Point [Method]: 144 oF/62.22 oC [ Tagliabue Closed Cup]  
Flammability in Air: 1 - 6 %volume  
Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames. Do not use a direct stream of water. Material will float and can be re-ignited on surface of water.  
Fire Fighting Instructions: COMBUSTIBLE. Clear fire area of all non-emergency personnel. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure, NIOSH approved, self-contained breathing apparatus. Containers exposed to intense heat from fires should be cooled with large quantities of water to prevent weakening of container structure which could result in container rupture.

9. PERSONAL PROTECTION MEASURES: HANDS: "Viton" gloves best; nitrile gloves acceptable for short-term exposure  
EYES: safety glasses with side shields or chemical goggles  
RESPIRATOR: not required if ventilation is adequate (see TWAE, (2)0 ABOVE) , or use organic vapour cartridge  
CLOTHING: "Viton" apron, boots, long sleeves, if splashing is anticipated

10. FIRST AID PROCEDURES: First Aid Measures: SKIN: Wash with soap and plenty of water. Remove contaminated clothing and do not reuse until thoroughly cleaned or laundered.  
EYES: Wash eyes with plenty of water, holding eyelids open. Seek medical assistance promptly if there is irritation.  
INHALATION: Remove from contaminated area promptly. CAUTION: Rescuer must not endanger himself! If breathing stops, administer artificial respiration and seek medical aid promptly.



Carolina International Sales Co., Inc

## MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive  
Matthews, NC 28105  
(704) 845 9440

www.ciscochem.com

INGESTION: Give plenty of water to dilute product. Do not induce vomiting (NOTE below). Keep victim quiet. If vomiting occurs, lower victim's head below hips to prevent inhalation of vomited material. Seek medical help promptly.

NOTE: Inadvertent inhalation of vomited material may seriously damage the lungs. The risk and danger of this is greater than the risk of poisoning through absorption of this relatively low-toxicity product. The stomach should only be emptied under medical supervision, after the installation of an airway to protect the lungs.

11. EXPOSURE TWAEV ppm: 20\*  
LIMITS: LD50 ORAL: 3000  
SKIN (mg/kg): 3000  
LC50 mg/m<sup>3</sup> INHALATION: 590

### 12. TOXICOLOGICAL EFFECTS ACUTE EXPOSURE

INFORMATION: SKIN CONTACT: drying, may irritate

SKIN ABSORPTION: yes; slight; no toxic effect anticipated by this route

EYE CONTACT: irritating; unlikely to damage eyes, vapour irritating above 100ppm

INHALATION: irritating above 100ppm : headache, dizziness, drowsiness, intoxication

INGESTION: Headache, dizziness, drowsiness, anaesthesia

Note: Low vapour pressure makes inhalation toxicity unlikely

#### EFFECTS OF CHRONIC EXPOSURE

GENERAL: prolonged exposure may cause skin cracking and dermatitis,

SENSITISING: not a sensitiser

CARCINOGENIC: ethylbenzene is not a tumorigen; not a carcinogen; animal or human

Note: Aromatic may contain naphthalene, which has been classed as a possible human carcinogen

REPRODUCTIVE EFFECT: no known effect in humans

SYNERGISTIC WITH: aggravates existing dermatitis

LD50: 3000mg/kg (oral, rat), 3000mg/kg (skin, rabbit) – Imperial Oil/Exxon value, also given as 2000mg/kg (skin, rabbit) – Shell Chemicals value

LC50: 590mg/m<sup>3</sup> (inhalation, rat)

13. ECOLOGICAL ENVIROINFO: this product cannot accumulate in living tissue, this product is readily and rapidly biodegradable in the presence of oxygen.

14. DISPOSAL If this material becomes a waste, it would not be a hazardous waste by RCRA criteria (40 CFR 261). Place in an appropriate disposal facility in compliance with local regulations.

15. CARCINOGENIC Ethylbenzene is not a tumorigen; not a carcinogen; animal or human. Note: Aromatic may contain naphthalene, which has been classed as a possible human carcinogen  
PROPERTIES &  
NOTIFICATIONS:

16. TRANSPORT USA 49 CFR

INFORMATION: Product identification number: NA - 1993

Shipping name: Flammable liquids N.O.S (petroleum distillates)

Classification: Class 3 combustible liquids

Label: Class 3, combustible liquids

WHMIS Class (Canada): B3

HMIS (U.S.A): Health – 1, fire – 2, Reactivity – 0

Material use: high flash point solvent



Carolina International Sales Co., Inc

## MATERIAL SAFETY DATA SHEET

2522 Plantation Center Drive  
Matthews, NC 28105  
(704) 845 9440

www.ciscochem.com

- 
17. HANDLING & STORAGE: Store in a cool, dry environment, away from sources of ignition, heat and oxidizing agents. Use with adequate ventilation – note that the product has a low vapour pressure, and mechanical ventilation may only be required in summer. Ground the container before handling to prevent static discharge, which may cause ignition or other flammables in the workplace. Do not cut, drill, weld or grind on or near this container. Avoid prolonged contact with skin and wash work clothes frequently. An eye bath and safety shower should be available near the workplace.
18. ACCIDENTAL LEAK PRECAUTION: dyke to control spillage and prevent environmental contamination  
RELEASE HANDLING SPILL: ventilate contaminated area; recover free liquid with suitable pumps; absorb residue  
MEASURES: on an inert sorbent, sweep, shovel, & store in closed containers for disposal.  
WASTE DISPOSAL: DO NOT FLUSH IN SEWER; may be incinerate in approved facility
19. REGULATORY INFORMATION: CERCLA: The material is classified as an “oil” under the CERCLA Petroleum Exclusion. Releases to the environment are not reportable under CERCLA.  
CLEAN WATER ACT: Under section 311 of the clean water act, this material is considered an “oil”. Spills into surface waters must be reported to the National Response Centre (800) 424-8802. Reportable quantity is 1250lbs.  
SARA HAZARD CATEGORIES: - immediate (acute) health hazard; fire hazard  
STATE REGULATIONS:  
CALIFORNIA – known to the State California to cause cancer, birth defects and other reproductive harm: naphthalene, benzene & toluene.  
New Jersey Right-To-Know Chemical List:  
1,2,4-Trimethylbenzene (95-63-6) 10 %weight  
Naphthalene (91-20-3) 6 %weight