

1. PRODUCT NAME: Aromatic 200
2. CHEMICAL NAME: Heavy Aromatic Naphtha
3. SYNONYMS:
4. CAS NUMBER: 64724-94-5
5. COMPOSITION Heavy Aromatic Naphtha, may contain naphthalene (91-20-3), 100%
6. PROPERTIES: ODOR & APPEARANCE: clear, pale yellow, liquid with mild aromatic hydrocarbon odour  
ODOR THRESHOLD: not known  
VAPOUR PRESSURE: below 0.4mmHg/0.05kPa (38 c)  
EVAPORATION RATE (butyl Acetate=1): 0.06  
VAPOR DENSITY (air=1): 5.7  
BOILING RANGE: 232 c – 275 c/450 F – 527 F  
FREEZING POINT: -2 c  
SPECIFIC GRAVITY: 0.99 – 1.00 (15/15c)  
WATER SOLUBILITY: below 0.1% (20 c)  
IN OTHER SOLVENTS: soluble in most organic solvents  
VISCOSITY: 2.7 centistokes (25 c)  
Note: This petroleum distillate is composed of several individual substances. Physical properties may vary beyond above, depending on source.  
REACTIVE WITH: Strong oxidizing agents, strong mineral acids
7. HAZARDS: DECOMPOSITION PRODUCTS: apart from Hazardous Combustion Products, toxic fumes on heating
8. FIRE FIGHTING FLASH PONT: 95 c/203 F (closed cup)  
MEASURES: AUTOIGNITION TEMPERATURE: 491 c/916 F  
FLAMMABLE LIMITS: 0.7%-5.3%  
COMBUSTION PRODUCTS: carbon monoxide, nitrogen oxides, smoke, part oxidized hydrocarbon fragments  
FIRE FIGHTING PROCAUTIONS: foam, dry chemical, water fog, water spray only to cool & dilute, product floats on water – water jet spreads lames; fire fighters must wear SCBA.  
STATIC DISCHARGE: will accumulate a static charge on agitation – danger of ignition very slight  
MECHANICAL IMPACT: not sensitive  
CHEMICAL STABILITY: stable: will not polymerize
9. PERSONAL PROTECTION Exposure Control and Personal Protection: HANDS: “Viton” gloves best; nitrile gloves acceptable for short-term exposure  
MEASURES: 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: 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.

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



Carolina International Sales Co., Inc

## MATERIAL SAFETY DATA SHEET

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

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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: 100  
LIMITS: LD50 ORAL: 3000\*  
SKIN (mg/kg): 3000\*  
LC50 mg/m<sup>3</sup> INHALATION: 590\*

Note: Toxicity data taken Aromatic 150, a similar product. All of our products are on the Domestic Substances listed.

### 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

INHALATION: irritating above 100ppm (only possible at elevated temperature); headache, dizziness, drowsiness, intoxication; liquid aspiration into lungs may cause severe damage

INGESTION: Headache, dizziness, drowsiness, anaesthesia

#### EFFECTS OF CHRONIC EXPOSURE

GENERAL: prolonged exposure may cause skin cracking and dermatitis; high oral doses damage liver, bladder, stomach and thyroid gland – unlikely to be relevant to industrial exposure

SENSITISING: not a sensitizer

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

REPRODUCTIVE EFFECT: no known effect in humans

SYNERGISTIC WITH: aggravates existing dermatitis

LD50: 3000\*mg/kg (oral, rat), 3000\*mg/kg (skin, rabbit)

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

Note: Toxicity data taken from a similar product (Aromatic 150)

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

14. DISPOSAL DO NOT FLUSH IN SEWER; mix with flammable product and incinerate in approved facility.  
CONSIDERATIONS:

15. CARCINOGENIC Not a tumorigen; not a carcinogen; animal or human.  
PROPERTIES &  
NOTIFICATIONS:

16. TRANSPORT USA 49 CFR

INFORMATION: Product identification number: UN- not regulated for transportation

Shipping name: not regulated for transportation

Classification: not regulated

Label: none required

WHMIS Class (Canada): D 2B

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

Material use: Very high flash point solvent



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17. HANDLING & STORAGE: Store in a cool, dry environment, away from sources of ignition, heat and oxidizing agents. 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.