1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 150 Solvent
PRODUCT DESCRIPTION: 150 Solvent
PRODUCT CODE: 211140
PRODUCT FORMULATION NAME: 150 Solvent
CHEMICAL FAMILY: Aromatic Petroleum Hydrocarbons
MOLECULAR FORMULA: Mixture
GENERIC NAME: Hydrocarbon Mixture
ACTIVE INGREDIENT(S): Solvent Naphtha, Heavy Aromatic; Naphthalene; 1,2,4-Trimethylbenzene

MANUFACTURER
Americhem Sales Corporation
340 North Street
Mason MI 48854
Emergency Contact: CHEMTREC or CANUTEC
Transportation: 517-676-9363
Service Number: 517-676-9363


2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear, Colorless liquid.
IMMEDIATE CONCERNS: CAUTION! May cause eye and skin irritation.

POTENTIAL HEALTH EFFECTS

EYES: May cause moderate burning, tearing, redness and swelling.
SKIN: Moderate irritation and discomfort. Defatting of skin and redness are possible. Toxic systemic effects from absorption are expected to be minor.
INGESTION: May cause significant irritation to the digestive tract. May affect the central nervous system and/or aggravate pre-existing disorders.
INHALATION: Dizziness, impaired coordination, headaches and loss of consciousness. Severe respiratory tract irritation. Toxic systemic effects are possible.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CARCINOGENICITY: This product contains Naphthalene. A report from the NTP indicates that lifetime inhalation exposure to Naphthalene induced lung tumors in female mice and shows "some evidence of carcinogenicity". The relevance of this report to humans is not known at this time. NTP: No IARC: No OSHA: No

MEDICAL CONDITIONS AGGRAVATED: Disorders of the heart, blood, skin or respiratory.

ROUTES OF ENTRY: Absorption, Inhalation, Ingestion

TARGET ORGAN STATEMENT: CNS depressent, Blood, Eyes and Fetus
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Naphtha, Heavy Aromatic</td>
<td>90.5 - 96.5</td>
<td>64742-94-5</td>
</tr>
<tr>
<td>Napthalene</td>
<td>3 - 8</td>
<td>91-20-3</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>0.5 - 1.5</td>
<td>95-63-6</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention.

**SKIN:** Wash exposed area with mild soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Do not induce vomiting. Danger from aspirating into lungs exceeds short term toxic effects. Get immediate medical help.

**INHALATION:** Remove from further exposure. Keep warm and at rest. If cough or other symptoms develop, seek medical attention.

5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** (150°F) ASTM D56

**FLAMMABLE LIMITS:** N/A to N/A

**AUTOIGNITION TEMPERATURE:** (842°F)

**EXTINGUISHING MEDIA:** Use dry chemical, foam, or carbon dioxide.

**EXPLOSION HAZARDS:** Vapor accumulations may flash and/or explode if ignited. Keep ignition sources, open flames, etc., away from these fumes.

**FIRE FIGHTING PROCEDURES:** Proper respiratory equipment to protect against the hazardous effects of combustion products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.

6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel equipped with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbant or other means. Don't flush into sewers or natural waterways.

**LARGE SPILL:** Contain material as described above and call the local fire or police department for immediate emergency assistance.

7. HANDLING AND STORAGE

**HANDLING:** Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel or container to another. This material can accumulate static charge by flow or agitation. Vapors can be ignited by static discharge. Use explosion proof equipment as directed by local fire codes.

**STORAGE:** Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks and flame.

**STORAGE TEMPERATURE:** Ambient
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EXPOSURE LIMITS</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ppm</td>
<td>mg/m³</td>
<td>ppm</td>
</tr>
<tr>
<td>Solvent Naphtha, Heavy Aromatic</td>
<td>TWA</td>
<td>[1]</td>
<td>[1]</td>
</tr>
<tr>
<td>1,2,4-Trimethylbenzene</td>
<td>TWA</td>
<td>25 ppm</td>
<td>25 ppm</td>
</tr>
</tbody>
</table>

OSHA TABLE COMMENTS:
1. Not Established

ENGINEERING CONTROLS: Air contaminant levels should be controlled below the PEL or TLV for this product. Mechanical ventilation may be necessary if working with this product in enclosed areas and at elevated temperatures.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

RESPIRATORY: Use NIOSH/MSHA approved respirators when vapors or mist concentrations exceed permissible exposure limits.

PROTECTIVE CLOTHING: Chemical resistant boots, apron, etc. as necessary to prevent contamination of clothing and skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild Hydrocarbon Odor

APPEARANCE: Clear

COLOR: Colorless

pH: Neutral

PERCENT VOLATILE: 100

VAPOR PRESSURE: < 10 mmHg at 20°C

VAPOR DENSITY: 4.7 (Air=1)

BOILING POINT: (355°F)

POUR POINT: -23°C to -57°C

FLASHPOINT AND METHOD: (150°F) ASTM D56

SOLUBILITY IN WATER: Negligible

EVAPORATION RATE: < 1.0 (n-Butyl Acetate=1)

SPECIFIC GRAVITY: 0.880 to 0.91 (water=1) at (60°F)
10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

STABILITY: Stable

POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Exposure to excessive heat, open flames and sparks. Avoid conditions that favor the formation of excessive mists and/or fumes.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon when burned.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD$_{50}$: > 2 mL/kg (rabbit)
ORSAL LD$_{50}$: No Data

INHALATION LC$_{50}$: > 590 (mg/m3) Rat

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: KEEP OUT OF SURFACE WATERS, SEWERS, AND WATERWAYS ENTERING OR LEADING TO SURFACE WATERS. NOTIFY AUTHORITIES IF ANY EXPOSURE TO THE GENERAL PUBLIC OR ENVIRONMENT OCCURS OR IS LIKELY TO OCCUR.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1268

PACKING GROUP: III

LABEL: Flammable Liquid

VESSEL (IMO/IMDG)

PRIMARY HAZARD CLASS/DIVISION: 3.3

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
FIRE: Yes  PRESSURE GENERATING: No  REACTIVITY: No  ACUTE: Yes  CHRONIC: Yes
313 REPORTABLE INGREDIENTS: 1,2,4-Trimethylbenzene (Pseudocumene) & Naphthalene

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)
CERCLA RQ: Naphthalene (CAS No. 91-20-3) RQ = 100 lbs.

TSCA (TOXIC SUBSTANCE CONTROL ACT)
TSCA REGULATORY: This material or its components are listed in the TSCA inventory.

CALIFORNIA PROPOSITION 65: Not Listed

16. OTHER INFORMATION

REVISION SUMMARY: Revision #: 6 This MSDS replaces the July 26, 2007 MSDS. Any changes in information are as follows:

HMIS RATING

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>PHYSICAL HAZARD</th>
<th>PERSONAL PROTECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>0</td>
<td>C</td>
</tr>
</tbody>
</table>

NFPA CODES

MANUFACTURER DISCLAIMER: The information in this MSDS was obtained from sources which we believe are reliable. However, the above information is provided without warranty, expressed or implied, regarding its correctness. The conditions or methods if handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.