

MATERIAL SAFETY DATA SHEET



Date Issued: 08/10/2000
 MSDS No: 211140
 Date-Revised: 11/01/2007
 Revision No: 6

150 Solvent

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; Napthalene; 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

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
CANUTEC (613) 996-6666

COMMENTS: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act.

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 Napthalene. A report from the NTP indicates that lifetime inhalation exposure to Napthalene 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

Chemical Name	Wt.%	CAS
Solvent Naphtha, Heavy Aromatic	90.5 - 96.5	64742-94-5
Napthalene	3 - 8	91-20-3
1,2,4-Trimethylbenzene	0.5 - 1.5	95-63-6

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, ect., 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

SHELF LIFE: THE SHELF LIFE OF THIS PRODUCT IS UNDETERMINED, BUT MAY BECOME SUSPECT ONE YEAR FROM THE DATE OF PURCHASE.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Solvent Naphtha, Heavy Aromatic	TWA	[1]	[1]	[1]	[1]
1,2,4-Trimethylbenzene	TWA	25 ppm		25 ppm	
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)

VISCOSITY #1: 1.27 Centipoise at (77°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 LD₅₀: > 2 mL/kg (rabbit)

ORAL LD₅₀: No Data

INHALATION LC₅₀: > 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

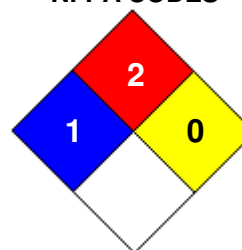
16. OTHER INFORMATION

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

HMIS RATING

HEALTH:	*	1
FLAMMABILITY:		2
PHYSICAL HAZARD:		0
PERSONAL PROTECTION: C		

NFPA CODES



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