

Material Safety Data Sheet



Stoddard Solvent

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Stoddard Solvent

OTHER/GENERIC NAMES: Naphtha, Mineral Spirits

PRODUCT USE: Industrial.

MANUFACTURER: General Chemical Corporation
2340 Bert Drive
Hollister, CA 95023

FOR MORE INFORMATION CALL: 973-515-1840 (EST) or
(Monday-Friday, 9:00am-4:30pm) 831-636-5151 (PST)

IN CASE OF EMERGENCY CALL: 800-631-8050
(24 Hours/Day, 7 Days/Week)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
Aliphatic hydrocarbons	8052-41-3	100

Trace impurities and additional material names not listed above may appear in Section 15 of this MSDS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

OSHA Hazard Communication Standard: *This product is considered hazardous under the OSHA Hazard Communication Standard.*

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A clear, colorless liquid with a slight ether-like odor. May cause irritation to the skin and eyes. May be harmful if swallowed or inhaled. Flammable.

POTENTIAL HEALTH HAZARDS

SKIN: Prolonged or repeated exposure may cause defatting of the skin, resulting in drying, cracking, blistering and redness.

EYES: May cause slight to moderate irritation with possible redness, swelling of mucous membranes, and tearing. Transient injury to the corneal epithelium may also occur.

INHALATION: May cause mucous membrane irritation, nausea, vomiting, disturbed vision, rapid breathing, hyperactivity, fatigue, muscle weakness, headache, light headedness, dizziness, incoordination, tremors, and other central nervous system effects. Extreme exposure may cause respiratory arrest, unconsciousness, kidney and liver impairment.

INGESTION: May cause diarrhea, central nervous system depression, difficulty breathing, incoordination, tremors, weakness, fatigue, and reversible hepatitis. Ingestion may result in aspiration of liquid, producing chemical pneumonitis.



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DELAYED EFFECTS: None known.

Ingredients found on one of the three OSHA designated carcinogen lists are listed below.

<u>INGREDIENT NAME</u>	<u>NTP STATUS</u>	<u>IARC STATUS</u>	<u>OSHA LIST</u>
No ingredients listed in this section.			

4. FIRST AID MEASURES

SKIN: Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.

EYES: Flush eyes immediately with plenty of water for at least 15 minutes. Get medical attention for any symptoms.

INHALATION: Remove victim to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen provided a qualified operator is present. Get medical attention.

INGESTION: Do not induce vomiting. Get immediate medical attention.

ADVICE TO PHYSICIAN: In case of ingestion, gastric lavage may be performed using a cuffed endotracheal tube.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT:	108F
FLASH POINT METHOD:	TCC
AUTOIGNITION TEMPERATURE:	~550F
UPPER FLAME LIMIT (volume % in air):	6.0
LOWER FLAME LIMIT (volume % in air):	0.9
FLAME PROPAGATION RATE (solids):	Not applicable.
OSHA FLAMMABILITY CLASS:	Flammable liquid.

EXTINGUISHING MEDIA:

Use water fog, carbon dioxide, dry chemical or regular foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Carbon oxides and various hydrocarbons form when burned. Highly flammable vapors are heavier than air, and may accumulate in low areas and spread along the ground away from handling site.

SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:

Evacuate area of all unnecessary personnel. Shut off all ignition sources if possible. Use NIOSH-approved self-contained breathing apparatus and other protective equipment if conditions warrant. Water fog or spray may be used to cool containers and equipment. DO NOT spray water directly on fire. Product will float and could re-ignite on surface of water.



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6. ACCIDENTAL RELEASE MEASURES

IN CASE OF SPILL OR OTHER RELEASE: (See section 8 for recommended personal protective equipment.)
Immediately remove all ignition sources. Keep people away. Keep out of water sources and sewers. Absorb in dry, inert material (sand, clay, etc.) and transfer to disposal drums using non-sparking equipment.

Spills and releases may have to be reported to Federal and/or local authorities. See Section 15 regarding reporting requirements.

7. HANDLING AND STORAGE

NORMAL HANDLING: (See section 8 for recommended personal protective equipment.)
Use with caution. Do not get into eyes, on skin, or on clothing. Avoid breathing vapors. Keep away from heat, open flame or sparks. Use with adequate ventilation.

STORAGE RECOMMENDATIONS:
Store in original container in a dry place at 50 – 90F (10 – 32C). Do not store in direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
Use local exhaust ventilation or general mechanical exhaust ventilation to keep airborne levels below the recommended limits.

PERSONAL PROTECTIVE EQUIPMENT

- SKIN PROTECTION:** Use chemical resistant gloves, apron, boots and clothing. Avoid skin contact.
- EYE PROTECTION:** Use chemical splash goggles or faceshield.
- RESPIRATORY PROTECTION:** For concentrations exceeding the recommended exposure level, use a NIOSH-approved air purifying respirator.
- ADDITIONAL RECOMMENDATIONS:** Eyewash and safety shower.

EXPOSURE GUIDELINES

<u>INGREDIENT NAME</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER LIMIT</u>
Aliphatic hydrocarbons	100 ppm TWA	500 ppm TWA	-----

¹ = Limit established by General Chemical Corporation.
² = Workplace Environmental Exposure Level (AIHA).
³ = Biological Exposure Index (ACGIH).

OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS:
None

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear, colorless liquid.	
PHYSICAL STATE:	Liquid.	
MOLECULAR WEIGHT:	Varies.	
CHEMICAL FORMULA:	Varies.	
ODOR:	Slight ether odor.	
SPECIFIC GRAVITY (water = 1.0):	0.79	
SOLUBILITY IN WATER (weight %):	Negligible.	
pH:	Not applicable.	
BOILING POINT:	310-370F	
MELTING POINT:	Not applicable.	
VAPOR PRESSURE:	2 mmHg @ 20C	
VAPOR DENSITY (air = 1.0):	2.5	
EVAPORATION RATE:	70	COMPARED TO: Butyl acetate
% VOLATILES:	Not determined.	
FLASH POINT:	108F	

(Flash point method and additional flammability data are found in Section 5.)

10. STABILITY AND REACTIVITY

NORMALLY STABLE? (CONDITIONS TO AVOID):
Stable under normal conditions.

INCOMPATIBILITIES:
Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:
Burning can produce carbon oxides and various hydrocarbons.

HAZARDOUS POLYMERIZATION:
Will not occur.

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS:
LD₅₀(oral-rat): >5 g/kg
LC₅₀(inhl-rat): >5500 mg/m³/4 hr
LD₅₀(skin-rabbit): >5 g/kg

DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS:
Data not available.

OTHER DATA:
None.

12. ECOLOGICAL INFORMATION

Data not available.



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13. DISPOSAL CONSIDERATIONS

RCRA

Is the unused product a RCRA hazardous waste if discarded? Not determined.

If yes, the RCRA ID number is:

OTHER DISPOSAL CONSIDERATIONS:

The information offered in section 13 is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

14. TRANSPORT INFORMATION

US DOT HAZARD CLASS: 3, PG III
US DOT ID NUMBER: UN 1268
PROPER SHIPPING NAME: Petroleum distillates, n.o.s.

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

15. REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA)

TSCA INVENTORY STATUS: Listed on the TSCA inventory.

OTHER TSCA ISSUES: None.

SARA TITLE III/CERCLA

"Reportable Quantities" (RQs) and/or "Threshold Planning Quantities" (TPQs) exist for the following ingredients.

<u>INGREDIENT NAME</u>	<u>SARA/CERCLA RQ (lb)</u>	<u>SARA EHS TPQ (lb)</u>
No ingredients listed in this section.		

Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.

SECTION 311 HAZARD CLASS: Immediate. Fire.

SARA 313 TOXIC CHEMICALS:

The following ingredients are SARA 313 "Toxic Chemicals" and may be subject to annual reporting requirements. CAS numbers and weight percents are found in Section 2.

<u>INGREDIENT NAME</u>	<u>COMMENT</u>
No ingredients listed in this section.	



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STATE RIGHT-TO-KNOW

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

<u>INGREDIENT NAME</u>	<u>WEIGHT %</u>	<u>COMMENT</u>
No ingredients listed in this section.		

ADDITIONAL REGULATORY INFORMATION:

None.

WHMIS CLASSIFICATION (CANADA):

Not determined.

FOREIGN CHEMICAL CONTROL INVENTORY STATUS:

Listed on Canadian DSL and EU EINECS.

16. OTHER INFORMATION

CURRENT ISSUE DATE: October, 2001
PREVIOUS ISSUE DATE: Not applicable.

CHANGES TO MSDS FROM PREVIOUS ISSUE DATE ARE DUE TO THE FOLLOWING:
Not applicable.

OTHER INFORMATION: None