

## Material Safety Data Sheet

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**1. MATERIAL AND COMPANY IDENTIFICATION**

**Material Name** : Super S Charcoal Lighter Fluid  
**Uses** : Charcoal Grilling

**Manufacturer/Supplier** : Smitty's Supply, Inc.  
 PO Box 530  
 Roseland, LA 70456  
 USA

**MSDS Request** : 985-748-9687

**Emergency Telephone Number** : 800-424-9300 – toll free in the U.S., Canada, and U.S. Virgin Islands.  
**CHEMTREC** 703-527-3887 – for calls originating elsewhere.  
 (Collect calls accepted)

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Solvents</u>	<u>CAS#</u>	<u>%</u>	<u>Agency</u>	<u>Units TLV</u>	<u>Type</u>
Stoddard Solvent	8052-41-3	100	ACGIH	100	TWA
			ACGIH	200	STEL
			OSHA	100	TWA

This component may contain 3.5% of  
 \*1,2,4 Tri Methyl 95-63-6  
 Benzene

\*Section 313 of SARA Title III.

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**3. HAZARDS IDENTIFICATION****Effects of OverExposure**

**Eye Contact:** Exposure may cause mild eye irritation. Symptoms may include stinging, tearing and redness.

**Skin Contact:** Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking and skin burns. Preexisting skin disorders may be aggravated by exposure to this material. Skin absorption is possible but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

**Inhalation (Breathing):** Exposure to vapor or mist is possible. Short term inhalation toxicity is low. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits. Symptoms of exposure may include irritation (nose, throat, respiratory tract), pre-existing lung disorders (e.g. asthma-like conditions may be aggravated by exposure to this material) and central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

**Ingestion (Swallowing):** Single dose oral toxicity is low. Swallowing small amounts during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Symptoms may include gastrointestinal irritation (nausea, vomiting, diarrhea) and central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness). This material can enter the lungs during swallowing or vomiting and cause lung inflammation and/or damage.

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According to OSHA Hazard Communication Standard, 29 CFR  
1910.1200**Emergency and First Aid Procedures**

**Eye Contact:** Flush with water for 15 minutes. Seek medical help.

**Skin Contact:** Wash with mild soap and water solution and seek medical attention.

**Inhalation:** Remove to fresh air. Apply artificial respiration if breathing stops. Seek medical attention immediately.

**Ingestion:** If swallowed, do not induce vomiting. Seek medical attention immediately.

**Primary Route(s) of Entry:** Inhalation, skin contact and eye contact.

**Effects of Chronic Exposure:** Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by IARC, NTP or OSHA.

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**4. FIRST AID MEASURES**

**Inhalation:** If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention.

**Skin:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

**Eyes:** Immediately flush thoroughly with large amounts of water, occasionally lifting upper and lower lids. Get medical attention.

**Ingestion:** DO NOT INDUCE VOMITING! Keep person warm, quiet, and get medical attention immediately. Aspiration of material into lungs due to vomiting can cause chemical pneumonitis, which can be fatal.

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**5. FIRE FIGHTING MEASURES**

Flash Point: 100°F      Flammable Limits:      LEL: 0.8%      UEL: 5.0%

**Extinguishing Media:** Regular foam, carbon dioxide, or dry chemical.

**Special Fire Fighting Procedures:** Wear self contained breathing apparatus with a full face piece operated in the positive pressure demand mode, with appropriate turn out gear & chemical resistant personal protective equipment.

**Unusual Fire and Explosion Hazards:** Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames, sparks, heater, smoking, electric motors, static discharge or other ignition sources at locations distant from material handling point. Keep away from heat, sparks, pilot lights and other sources of ignition. Closed containers may explode when exposed to extreme heat.

**HMIS Codes:**    Health 0    Flammability 2    Reactivity 0

**NFPA Codes:**    Health 1    Flammability 2    Reactivity 0

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**6. ACCIDENTAL RELEASE**

**Small Spill:** Absorb liquid on vermiculite, floor absorbent or other absorbent material.

**Large Spill:** Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product, transfer contaminated absorbent, soil and other materials to containers for disposal. Prevent runoff to sewers, streams or other bodies of water. If runoff occurs, notify proper authorities, as required, that a spill has occurred.

**Waste Disposal Method**

**Small Spill:** Dispose of in accordance with all local, state and federal regulations.

**Large Spill:** Dispose of in accordance with all applicable local, state, and federal regulations.

**7. HANDLING AND STORAGE**

**Precautions To Be Taken In Handling and Storing:** Keep away from heat, sparks, and open flame. Use with adequate ventilation. Keep container closed.

**Other Precautions:** Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected areas with water.

**Other Regulatory Information:** The State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65) develops a list of chemicals that require specific warnings relating to cancer and/or reproductive toxicity. This product contains the following chemicals subject to the reporting requirements of the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65).

<u>Chemical</u>	<u>CAS#</u>	<u>Quantity</u>
Toluene**	108-88-3	500 ppm
Benzene**	71-43-2	<10 ppm

The warning on the product states:

WARNING: USE OF THIS PRODUCT WILL EXPOSE YOU TO BENZENE WHICH IS KNOWN TO CAUSE CANCER AND TO TOLUENE WHICH IS KNOWN TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

\*\*Not included in Section II as this chemical is less than .1% of the formula.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<u>Ingredient</u>	<u>CAS No.</u>	<u>Percent by Vol.</u>	<u>OSHA PEL (PPM)</u>	<u>ACGIH TLV (PPM)</u>
Stoddard Solvent	8052-41-3	>90	100	100
1,2,4 – Trimethylbenzene	95-63-6	<5	25	25
1,3,5 – Trimethylbenzene	108-67-8	<5	25	25

Section 313: Supplier Notification. This product contains the following toxic chemicals, subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986, and of 40, CFR, 372. 1,2,4 – Trimethylbenzene. This information must be included in all Material Safety Data Sheets that are copied and distributed for this material.

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**Respiratory Protection (Specific Type):** Self-contained breathing apparatus for concentrations above TLV limits.

**Ventilation**

**Local Exhaust:** Adequate ventilation required.

**Mechanical (General):** Yes

**Special:** No smoking.

**Other:** N.A.

**Protective Gloves:** Impermeable gloves.

**Eye Protection:** Safety goggles.

**Other Protective Equipment:** It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Boiling Point (°F)</b>	310-405°F	<b>Specific Gravity(H<sub>2</sub>O = 1)</b>	0.789
<b>Vapor Pressure (mmHg)</b>	2 mmHg	<b>Percent Volatile</b>	100
<b>Vapor Density (Air=1)</b>	4.9	<b>By Volume (%)</b>	
<b>Solubility in Water</b>	Negligible (<5%)	<b>Evaporation Rate</b>	Less than 1
<b>Appearance</b>	Water white clear	<b>(Ether = 1)</b>	
<b>Odor</b>	Hydrocarbon type	<b>V.O.C.</b>	773 g/l

**Flash Point (Method Used) :** 105°F, TCC.

**Flammable Limits (% Vol)**

**LEL :** 1.0

**UEL :** 6.0

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**10. STABILITY AND REACTIVITY**

**Stability:** Stable.

**Condition to Avoid:** Heat, sparks, fire, open flame and all other sources of ignition.

**Incompatibility (Materials to Avoid):** Strong oxidizing agents. Strong acids or bases and selected amines.

**Hazardous Decomposition Products:** Thermal decomposition may yield carbon monoxide and/or CO<sub>2</sub>.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** N.A.

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11. TOXICOLOGICAL INFORMATION

**Health Hazard Acute and Chronic:**

**Inhalation:** Excessive inhalation of vapors can cause nasal and respiratory irritation, central nervous system effects including dizziness, weakness, fatigue, nausea, and headache and possible unconsciousness or in extreme cases, death. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or prove fatal.

**Skin:** Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

**Eyes:** Can cause severe irritation, redness, tearing and blurred vision.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

**Chronic Overexposure:** Excessive exposure may cause permanent brain and nervous system damage.

**Medical Conditions Aggravated by Exposure:** Unknown

**Carcinogenicity:** Not presently listed as a carcinogen. IARC – not listed; NTP – not listed; OSHA – not listed.

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12. ECOLOGICAL INFORMATION

**Stability:** Stable

**Conditions to Avoid:** N/A

**Incompatibility:** Avoid contact with strong oxidizing agents.

**Hazardous Decomposition of By-Products:** May form toxic materials: carbon dioxide and carbon monoxide, various hydrocarbons.

**Hazardous Polymerization:** Cannot occur

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13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:**

**Small Spill:** Allow volatile portion to evaporate away from inhabited areas or in ventilated hood. Dispose of remaining material in accordance with applicable regulations.

**Large Spill:** Dispose of by sending to licensed reclaimer, or permitted incinerator in accordance with local, state and federal regulations.

**Precautions to be taken in handling and storing:** Store in cool, dry area. Avoid flames and high temperatures. Store upright to prevent leaks. Keep container tightly closed.

**Other Precautions:** None

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**14. TRANSPORT INFORMATION**

Note: In containers of 119 gallons capacity or less, this product is not regulated by DOT.

<u>Container Size</u>	<u>Hazard Class</u>	<u>ID #</u>	<u>Packaging Group</u>
Gallon	None	None	None
Quart	None	None	None
5 Gallon Pail	None	None	None
55 Gallon Drum	None	None	None

**15. REGULATORY INFORMATION**

All ingredients are listed on TSCA Inventory

SARA 311/312 Hazard Categories

Health – Immediate Health, Delayed Health, Fire

SARA 313 Components

1, 2, 4 Trimethylbenzene

**California Proposition 65**

Warning: this material contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. (benzene)

The information and recommendations contained herein have been compiled from sources believed to be accurate and reliable. The information herein is given in good faith, but no warranty, expressed or implied, is made.

**16. OTHER INFORMATION**

NFPA RATING (HEALTH,  
FIRE, REACTIVITY)      0, 2, 0

MSDS VERSION NUMBER:    2.0

MSDS EFFECTIVE DATE:    07/27/09

MSDS Revisions:            A vertical bar (|) in the left margin indicates an amendment from the previous version.

MSDS Regulation:          The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

MSDS Distribution:         The information in this document should be made available to all who may handle the product.

Disclaimer:                    The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.