

MATERIAL SAFETY DATA SHEET

Supplier MSDS



Date Issued: 05/05/2009

MSDS No: 24024/24032

Date Revised: 05/26/2009

Revision No: 2

Charcoal Lighter Fluid (South Coast Approved Distillate)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Charcoal Lighter Fluid (South Coast Approved Distillate)**GENERAL USE:** Charcoal Lighter Fluid**PRODUCT DESCRIPTION:** Charcoal Lighter Fluid**PRODUCT CODE:** Charcoal Lighter Fluid**PRODUCT FORMULATION NAME:** South Coast Approved Distillate**CHEMICAL FAMILY:** Petroleum Hydrocarbon**GENERIC NAME:** Mineral Spirits/Naptha

MANUFACTURER

SMB International, LLC

121 Highway 36

Suite 180

W. Long Branch NJ 07764

Emergency Contact: Responder (ESP Consulting, LLC) 877-756-4666**Product Stewardship:** 732-222-4888

24 HR. EMERGENCY TELEPHONE NUMBERS

CANUTEC (Canadian Transportation) :(613) 996 - 6666**CHEMTREC (US Transportation) :**(800) 424 - 9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear and colorless organic liquid with characteristic odor.**IMMEDIATE CONCERNS: CAUTION!** May cause eye irritation. May be harmful if absorbed through the skin and if swallowed.

POTENTIAL HEALTH EFFECTS

EYES: May cause severe eye irritation. May cause corneal injury and moderate conjunctivitis following contact.**SKIN:** Considered irritating to the skin. Repeated contact may cause moderate to severe irritation.**SKIN ABSORPTION:** Absorption as from prolonged or massive skin contact may result in toxic effects.**INGESTION:** Ingestion of small amounts may cause vomiting. This material presents a severe aspiration danger and may result in pulmonary edema and sever lung damage.**INHALATION:** Breathing vapors may cause harmful central nervous system effects including headache, dizziness, drowsiness, loss of consciousness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Redness and possible burning and tearing of the eyes.**SKIN:** The defatting action of this material may lead to soreness, inflammation and possibly dermatitis.**SKIN ABSORPTION:** However is is unlikely that harmful effects would result during safe handling and use. Carless use or intentional exposures may result in materials being absorbed through the skin and producing toxic effects.**INGESTION:** May produce symptoms of CNS depression including headache, drowsiness, nausea ataxia, drowsiness and visual disturbances.

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INHALATION: Effects are typically those of most hydrocarbons. Dizziness and euphoria leading to unconsciousness in severe cases. Vapors are irritating to the respiratory tract. Symptoms may include coughing, difficult breathing and chest pain. Central nervous system depression may result.

ACUTE TOXICITY: Expected to cause significant adverse effects if absorbed through the skin.
Expected to cause significant adverse effects if ingested.
Expected to cause significant adverse effects if mist or vapor is inhaled.

CHRONIC EFFECTS: High level exposure may result in central nervous system depression. Aspiration of ingested material may result in severe pulmonary damage. Repeated skin contact may result in sensitization. Animal studies have indicated the potential for kidney and liver damage. Blood changes may result.

CARCINOGENICITY: Not Listed by NTP
Not listed by IARC
Not listed by OSHA

MUTAGENICITY: None known.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: Not Available

TERATOGENIC EFFECTS: Not expected to be a teratogen.

MEDICAL CONDITIONS AGGRAVATED: Persons with pre-existing skin disorders, eye problems, or impaired kidney function may be more susceptible to the effects of this material.

ROUTES OF ENTRY: Skin, inhalation and ingestion

TARGET ORGAN STATEMENT: Contains material which may cause eye, skin, gastrointestinal, respiratory, nervous system, kidney and liver damage.

CANCER STATEMENT: None Expected.

IRRITANCY: May cause irritation to the eyes, skin and respiratory system.

SENSITIZATION: This material is expected to cause sensitization of the skin.

WARNING CAUTION LABELS: Harmful or fatal if swallowed. Affects central nervous system. May affect kidneys. Flammable liquid and vapor. Harmful if inhaled. Causes irritation to skin, eyes and respiratory tract.

HEALTH HAZARDS: Pre-existing disorders or diseases of the eyes, skin, or central nervous system (CNS) may be aggravated by exposure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS
Distillates, Petroleum, Hydrotreated Light	> 99	064742-47-8	265-149-8

4. FIRST AID MEASURES

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EYES: Immediately flush eyes with plenty of water for two to three minutes. Remove any contact lenses and continue flushing for 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing including shoes and immediately wash affected area with plenty of soap and water. Seek medical attention. Wash contaminated clothing and shoes before reuse.

INGESTION: Aspiration hazard. If swallowed, vomiting may occur spontaneously, but SHOULD NEVER BE INDUCED. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call physician immediately.

INHALATION: Immediately move the exposed person to fresh air. If breathing has stopped, perform artificial respiration. When breathing is difficult, properly trained personnel may assist the affected person by administering oxygen. Keep the affected person warm and at rest. Get medical attention immediately.

ANTIDOTES: None known.

NOTES TO PHYSICIAN: The material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions). Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: ~ 38°C (105°F)

FLAMMABLE LIMITS: ~ .7 % to ~ 5-6%

AUTOIGNITION TEMPERATURE: ~ 232°C (450°F)

FLAMMABLE CLASS: Combustible Liquid- NFPA/OSHA Class II Combustible Liquid

FLAME PROPAGATION OR BURNING RATE OF SOLIDS: Not Applicable

EXTINGUISHING MEDIA: Chemical type foam, CO2 (Carbon Dioxide), Dry Chemical, Water Fog

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

FIRE FIGHTING PROCEDURES: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire exposed containers cool.

FIRE FIGHTING EQUIPMENT: Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of a SCBA may not be required.

FIRE EXPLOSION: See above.

SENSITIVE TO STATIC DISCHARGE: Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pump at high flow rates.

SENSITIVITY TO IMPACT: None Expected.

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HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material.

Wearing the appropriate personal protective equipment designated in Section 8, move the leaking container to a containment area or rotate the container so that the opening is above the liquid level.

Absorb on diatomaceous earth or equivalent inert material. Shovel up and dispose of at an appropriate waste disposal facility according to current applicable laws and regulations, and product characteristics at time of disposal.

LARGE SPILL: Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas through the use of berms. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Depending on the size of the spill and the movement characteristics of the water into which it entered, consider use of booms, underflow or overflow dams. Diversion of the material is also an option. Mechanical skimmers, pads and other absorbent materials may be considered as well.

LAND SPILL: Construct temporary dikes of dirt, sand, or any appropriate readily available non-combustible (sawdust) material to prevent spreading of the material.

AIR SPILL: If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop the leak, and to flush spills away from exposures.

GENERAL PROCEDURES: Absorb on diatomaceous earth or equivalent inert material. Shovel up and dispose of at an appropriate waste disposal facility according to current applicable laws and regulations, and product characteristics at time of disposal.

SPECIAL PROTECTIVE EQUIPMENT: After assessing the remedial steps to be taken and the risk of exposure, employ appropriate personal protective equipment (see Sec. 8).

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with sufficient ventilation to keep employee exposure below recommended limits.

HANDLING: Handle and use in a manner consistent with good industrial/manufacturing techniques and practices. Open and handle with care. Do not handle near heat, sparks, or flames. Avoid contact with incompatible agents. Use with adequate ventilation/personal protection. Do not enter storage area that is not adequately ventilated. Metal containers used in a transfer should be bonded and grounded. Use non-sparking tools. Observe good personal hygiene after handling this material.

STORAGE: Store in unopened containers under cool and dry conditions.
Do not store with, or close to oxidizers.
Store at a temperature between 5 and 50 C.

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LOADING TEMPERATURE: Not Applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: If vapors, or mists are generated, provide local exhaust ventilation to prevent airborne exposure.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of 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: No special precautions are necessary under normal operating conditions.

If the exposure limit is exceeded and engineering controls are not feasible, a half-face organic vapor respirator may be worn for up to ten times the exposure limit or maximum use concentration specified by the respirator supplier or regulatory agency. A full-face organic vapor respirator may be employed for use in atmospheres that contain up to 50 times the exposure limit. For emergencies or instances where the exposure levels are not known a positive-pressure, full-face piece, air supplied respirator should be employed.

PROTECTIVE CLOTHING: Long sleeved clothing should always be considered when handling chemical substances.

WORK HYGIENIC PRACTICES: Good personal hygiene practices should always be followed. Keep away from food, drink and animal feeding stuffs. When using, do not eat, drink or smoke. Hands and any other exposed area should be washed thoroughly with soap and water after contact. Regular laundering of contaminated clothing is essential to reduce indirect skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Characteristic petroleum hydrocarbon odor.

APPEARANCE: Clear liquid

COLOR: Colorless to pale yellow liquid

pH: Not Applicable

PERCENT VOLATILE: 95 at 21°C (70°F)

VAPOR PRESSURE: ~ 5 mmHg at 25°C (77°F)

VAPOR DENSITY: ~ 5 (Air=1)

BOILING POINT: ~ 156°C (313°F) to 202°C (396°F)

MELTING POINT: ~ -73°C (-99.4°F)

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Flammable Liquid
Flammable Liquid - Class 3

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**FIRE:** Yes **ACUTE:** Yes **CHRONIC:** Yes**313 REPORTABLE INGREDIENTS:** None**302/304 EMERGENCY PLANNING**

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Charcoal Lighter Fluid (South Coast Approved Distillate)**EMERGENCY PLAN:** Not Applicable**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** None**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Distillates, Petroleum, Hydrotreated Light	064742-47-8

TSCA REGULATORY: All intentional ingredients are listed on the TSCA Inventory.**CLEAN AIR ACT**

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: Not Applicable

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: Not Applicable

REGULATIONS**STATE REGULATIONS** No data available. No information available.

CALIFORNIA PROPOSITION 65: This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

OSHA HAZARD COMM. RULE: Not considered highly hazardous by OSHA.**CARCINOGEN:** None known.**CANADA**

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): This product is WHMIS controlled.

WHMIS CLASS: WHMIS classification of B3,D2B**DOMESTIC SUBSTANCE LIST (INVENTORY):** This product is listed on Canada's DSL List.**16. OTHER INFORMATION****REASON FOR ISSUE:** New MSDS**APPROVED BY:** Scott Margulis **TITLE:** Chief Operating Officer**PREPARED BY:** Responder (ESP Consulting, LLC)**INFORMATION CONTACT:** 732-222-4888

REVISION SUMMARY: Revision #: 2. This MSDS replaces the May 26, 2009 MSDS. Any changes in information are as follows: In Section 14: Labels

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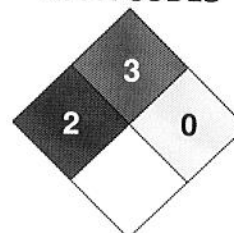
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HMIS RATING

HEALTH:	2
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	H

NFPA CODES



HMIS RATINGS NOTES: H- Splash Goggles, Gloves, Protective Apron, Vapor Respirator (depending on possible exposure).

ADDITIONAL MSDS INFORMATION: European Community Regulatory: All intentional ingredients are listed on the European's EINECS Inventory.

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.