

**MSDS #0001 BUNZL UK CODE D02456**

**REVISED DATE: 06/16/00**

**PRODUCT NAME: STERNO BRAND® CANNED HEAT® COOKING FUEL**

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:**

ACUTE HEALTH 2 FIRE 3 REACTIVITY 0 HMIS LEAST-0 SLIGHT- 1 MODERATE- 2  
HAZARD RATING: HIGH - 3 EXTREME- 4

PRODUCT NAME: STERNO BRAND® CANNED HEAT® COOKING FUEL

UPC/SKU #: US Domestic: ST04006 (2 5/8 oz), ST04008 (7 oz), ST04008S, ST04037, ST04040, ST04041,  
ST04042, ST04043, ST04048, ST04049, ST04528

Canadian Institutional: ST03121, ST03142, ST04528C

Canadian Retail: ST00391 (7 oz), ST03136 (2 5/8 oz)

International: ST04406, ST04408, ST04008B, ST04406J, ST04408J, ST04528B, ST04008BZG

CAS NUMBER: Not applicable - product is a mixture

GENERAL USE: A gelled alcohol food warming fuel. Fuel is SDA-3A (ethyl alcohol denatured with methyl alcohol.)

CANDLE CORPORATION OF AMERICA

Institutional Products Group

999 E Touhy, Suite 450

Des Plaines, IL USA 60018

DOMESTIC: For consumer information: Call toll free: (888) 4-LITES-1

EMERGENCY TELEPHONE NUMBER: For emergencies involving spill, leak, fire, exposure or accident, call  
CHEMTREC: (800) 424-9300, day or night.

THE PITTSBURGH POISON CENTER HAS BEEN PROVIDED SPECIFIC INFORMATION FOR USE IN MEDICAL  
EMERGENCIES INVOLVING THESE PRODUCTS. IN THE USA, CANADA & MEXICO, CALL TOLL FREE: (888) 313-  
8954.

INTERNATIONAL: ALL EMERGENCIES, involving spill, leak, fire, exposure or accident, CALL (703) 527-3887.  
ALL MEDICAL EMERGENCIES, call your local Poison Control Center.

**2. COMPOSITION/INFORMATION ON INGREDIENTS:**

OSHA REGULATED COMPONENTS (present at a concentration > or = 1%):

Component	CAS #	%	PEL	TLV
Ethanol	64-17-5	67		1000 ppm
Methanol	67-56-1	3-4		200 ppm

The following components, present at a concentration > or = 0.1%, are listed as carcinogens or potential carcinogens by  
either the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC) or OSHA:

Component	CAS #	%	PEL	TLV
None - not applicable				

**3. HAZARDS IDENTIFICATION:**

Flammable solid, gelled ethanol, and it's pink in appearance.

PRECAUTIONARY LABELING: Caution flammable mixture. Keep away from children. Do not use near fire or  
flame. Contains 3.3% Methyl Alcohol.

EYE CONTACT: Eye irritant upon direct contact

SKIN CONTACT: May cause skin irritation upon prolonged contact.

INGESTION: possible Alcoholic breathe, exhilaration followed by CNS depression, slurred speech, convulsions and  
hypoglycemia.

INHALATION: Burn product in a well ventilated area.

**4. FIRST AID MEASURES:**

EYE CONTACT: Flush eye with large amounts of warm water for 15 minutes. If irritation persists, contact poison  
center or doctor.

SKIN CONTACT: Remove and isolate contaminated clothing. Flush exposed area with warm water for 15 minutes. If  
irritation persists, contact poison center or doctor.

INGESTION: Drink sips of warm water or milk. If symptoms persist, contact poison center or doctor.

INHALATION: Seek fresh air and take slow deep breaths. Drink some sips of water. If coughing persists,  
contact poison center or doctor.

5. FIRE FIGHTING MEASURES:

FLASH POINT (METHOD): 54 degrees F or 12.1 degrees C (Tag closed cup)

AUTOIGNITION: @ 745 mm Hg: 845.6F (452 degrees C)

EXTINGUISHING MEDIA: CO2, Foam, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: No known toxic combustion products or special fire fighting hazard Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires. Do not use high pressure stream of water to extinguish burning material.

UNUSUAL FIRE AND EXPLOSION HAZARD: Closed cans exposed to flame and heat may erupt, scattering fragments.

---

6. ACCIDENTAL RELEASE MEASURES:

SMALL SPILLS: Remove all sources of ignition. Provide adequate ventilation. Absorb on vermiculite, paper or other absorbent. Flush area with water.

---

7. HANDLING AND STORAGE:

STORAGE: Store in a cool dry place (40 - 120 degrees F or 4 - 49 degrees C). Provide adequate ventilation in area of use. Store away from sources of heat or open flame. Keep container closed when not in use.

HANDLING: Avoid contact with skin and eyes. Do not ingest. Place can in fuel holder or under chafer before lighting. Burn can in a level upright position. Keep away from combustibles (e.g. paper plates and napkins). Keep away from children.

---

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

GENERAL CONTROLS: Avoid contact with skin and eyes. Provide adequate ventilation.

PROTECTIVE CLOTHING: The use of eye protection (goggles) and rubber gloves is recommended.

RESPIRATORS: Not required.

SPECIAL PRECAUTIONS: Keep out of the reach of children.

PRECAUTIONARY LABELING: Caution flammable mixture. Keep away from children. Do not use near fire or flame. Contains 3.3% Methyl Alcohol.

---

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE AND ODOR: Pink-red gel, alcohol odor

DENSITY: 0.85 g/cm<sup>3</sup>

SOLUBILITY IN WATER: Moderate

pH: 7.5-8.5 (as is)

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

BOILING POINT: N/A

FREEZE/MELT POINT: N/A

---

10. STABILITY AND REACTIVITY:

GENERAL: This product is stable. Hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS: Heat, open flame, strong oxidizers.

HAZARDOUS DECOMPOSITION: None known.

---

11. TOXICOLOGICAL INFORMATION:

No information is available at this time.

---

12. ECOLOGICAL INFORMATION:

No information is available at this time.

---

13. DISPOSAL CONSIDERATIONS:

Note: The purchaser is responsible for proper waste disposal of empty, partial, or full cans. Any disposal practice must be in compliance with local, state, and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water, or onto the ground.

---

14. TRANSPORTATION:

DOT CLASSIFICATION: U.S. DOMESTIC: ST00391, ST04006, ST03121, ST03136, ST03142, ST04008,  
ST04008S, ST04037, ST04040, ST04041, ST04042, ST04043, ST04048, ST04049,  
ST04528, ST04528C - Consumer Commodity ORM -D Exception

INTERNATIONAL: ST04528, ST04528B - Flammable Solids, Organic, N.O.S. (Contains Ethanol),  
Class 4.1, UN 1325, PGIII

ST04006, ST04008, ST04008B, ST04008BZG, ST04043, ST04408, ST04408J - Dangerous  
Goods in Limited Quantity of Class 4.1, UN 1325, PG III; or, Flammable Solid, Organic, N.O.S.,  
(Contains Ethanol), 4.1, UN1325, III, Limited Quantity

---

#### 15. REGULATORY INFORMATION:

OSHA: This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1900.1200).

RCRA (40 CFR 261, Subpart D): The hazardous waste number for methanol is U154 indicating ignitability. This product is considered a hazardous waste based on flammability.

CLEAN WATER ACT: None of the OSHA regulated components in this product are Section 311 listed chemicals

SARA: Sections 301-304 (Threshold Planning Quantity - TPQ) 40 CFR 355: No TPQ for any OSHA regulated component. Section 313 (Toxic chemical release reporting) 40 CFR 372: The following chemicals must be reported under SARA 313: Not applicable to any OSHA regulated component.

CERCLA: Section 102 (Reportable Quantity - RQ) 40 CFR 302: The RQ for Methyl Alcohol is 5000 lbs. Releases greater than or equal to this amount must be reported to the National Response Center (NRC) immediately: 800-424-8802.

---

#### 16. OTHER INFORMATION:

MSDS REVISION INDICATORS: Revised Sections 1.

REVISION DATE: June 16, 2000

The information on this sheet is limited to the material identified and is believed by the Candle Corporation of America to be correct based on its knowledge and information as of the date noted. Candle Corporation of America makes no representation, guarantee or warrantee, expressed or implied, as to the accuracy, reliability or completeness of the information and assumes no responsibility for injury, damage or loss resulting from the use of the material.