MATERIAL SAFETY DATA SHEET

REVISION DATE: 9-19-2006

PRODUCT NAME: HANDY FUEL® BRAND CANNED HEAT™


CAS NUMBER: Not applicable - product is a mixture

GENERAL USE: A gelled methyl alcohol food warming fuel.

THE STERNO GROUP
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U.S., CANADA AND MEXICO:
For consumer information: Call toll free: 1 (888) – 4-LITES-1.
For emergencies involving spill, leak, fire, exposure or accident, call CHEMTREC: 1 (800) 424-9300, day or night.
For medical emergencies only, call toll free: 1 (888) 313-8954.

INTERNATIONAL:
For emergencies involving spill, leak, fire, exposure or accident, CALL 1-(703) 527-3887(located in the US).
For medical emergencies call your local Poison Control Center or the US Medical Emergency Center at (651) 632-8954.

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT NAME: HANDY FUEL® BRAND CANNED HEAT™

UPC/SKU #: HF03003, HF03008, HF03008AB, HF03008BK, HF03008ED, HF03008RR, HF03008P, HF03008S, HF03008TM, HF03208, HF03208S

CAS NUMBER: Not applicable - product is a mixture

GENERAL USE: A gelled methyl alcohol food warming fuel.

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

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

Component        CAS #            %       PEL            TLV
Methyl Alcohol   67-56-1           71      Not Known     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

METHANOL - EINECS number: 200-659-6 EU classification: F; R11 T; R23/24/25, R39/23/24/25

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Methanol is toxic if ingested. Oral LD50 (Rat) is 15gm/kg (methanol) Flammable liquid, gelled methanol, and it’s blue in appearance.

PRECAUTIONARY LABELING: Danger Poison - Contains methyl alcohol. Keep away from children. Cannot be made nonpoisonous, unburned vapor harmful. May be fatal or cause blindness. If swallowed induce vomiting. Call physician for help or 1-888-4-lites-1.

CAUTION: Flammable mixture. Do not use near fire or flame.

EYE CONTACT: Eye irritant upon direct contact.
SKIN CONTACT: May cause skin irritation upon prolonged contact.
INGESTION: Possible Alcoholic breathe, CNS depression, possible convulsions or coma.
INHALATION: Burn product in a well-ventilated area. Avoid breathing unburned vapors.

SECTION 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: Induce vomiting if victim is conscious. Drink water, milk or 4% sodium bicarbonate solution. Immediately contact doctor and poison center. Harmful or fatal if swallowed. Can cause blindness.
INHALATION: Seek fresh air and take slow deep breaths. Drink some sips of water. If coughing persists, contact poison center or doctor.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD): 54 degrees F (Tag closed cup)
AUTOIGNITION: @ 745 mm Hg: 890.6 degrees F (477 degrees C)
EXTINGUISHING MEDIA: CO2, Foam, Dry Chemical
**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

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

**SECTION 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.

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

GENERAL CONTROLS: Avoid contact with skin and eyes.

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

RESPIRATORS: Not required.

VENTILATION: Burn product in a well-ventilated area.

SPECIAL PRECAUTIONS: Keep out of the reach of children.

PRECAUTIONARY LABELING: Poison. Contains methyl alcohol, vapor harmful, may be fatal or cause blindness if swallowed. CAUTION: Flammable mixture. Do not use near fire or flame. Cannot be made non-poisonous. Keep away from children.

**Methanol Exposure Limits**

<table>
<thead>
<tr>
<th>CAS</th>
<th>Data</th>
<th>List Name</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>200 ppm MAK; 260 mg/m³ MAK</td>
<td>Austria - Occupational Exposure Limits (MAK Values)</td>
<td>Methanol</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Category II, I</td>
<td>Austria - Short Term Exposure Categories</td>
<td>Methanol</td>
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<td>67-56-1</td>
<td>Skin absorber</td>
<td>Austria - Skin Absorbers</td>
<td>Methanol</td>
</tr>
<tr>
<td>67-56-1</td>
<td>250 ppm VLE, 333 mg/m³ VLE courte dure</td>
<td>Belgium - Occupational Exposure Limits - 15-Minute</td>
<td>Alcohol methylether</td>
</tr>
<tr>
<td>67-56-1</td>
<td>200 ppm VLE, 260 mg/m³ VLE</td>
<td>Belgium - Occupational Exposure Limits - 8-Hour</td>
<td>Alcohol methylether</td>
</tr>
<tr>
<td>67-56-1</td>
<td>skin</td>
<td>Belgium - Skin Designations</td>
<td>Alcohol methylether</td>
</tr>
<tr>
<td>67-56-1</td>
<td>200 ppm TWA, 260 mg/m³ TWA</td>
<td>Denmark - Occupational Exposure Limits - 8-Hour</td>
<td>Methanol</td>
</tr>
<tr>
<td>67-56-1</td>
<td>skin</td>
<td>Denmark - Skin Absorbers</td>
<td>Methanol</td>
</tr>
<tr>
<td>67-56-1</td>
<td>250 ppm STEL, 330 mg/m³ STEL</td>
<td>Finland - Occupational Exposure Limits - 15-Minute</td>
<td>Methyl alcohol</td>
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<tr>
<td>67-56-1</td>
<td>200 ppm TWA, 270 mg/m³ TWA</td>
<td>Finland - Occupational Exposure Limits - 8-Hour</td>
<td>Methyl alcohol</td>
</tr>
<tr>
<td>67-56-1</td>
<td>skin absorber</td>
<td>Finland - Skin Absorbers</td>
<td>Methyl alcohol</td>
</tr>
<tr>
<td>67-56-1</td>
<td>1000 ppm VLE, 1300 mg/m³ VLE</td>
<td>France - Occupational Exposure Limits - 15-Minute VLEs</td>
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<td>67-56-1</td>
<td>200 ppm VME, 260 mg/m³ VME</td>
<td>France - Occupational Exposure Limits - 8-Hour VMEs</td>
<td>Alcohol methylether</td>
</tr>
<tr>
<td>67-56-1</td>
<td>200 ppm MAK, 270 mg/m³ MAK</td>
<td>Germany (DFG) - Occupational Exposure Limits - 8-Hour (MAK Values)</td>
<td>Methanol</td>
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<tr>
<td>67-56-1</td>
<td>1000 ppm Peak, 1350 mg/m³ Peak</td>
<td>Germany (DFG) - Occupational Exposure Limits - Ceilings (Peak Limitations)</td>
<td>Methanol</td>
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<tr>
<td>67-56-1</td>
<td>danger of cutaneous absorption</td>
<td>Germany (DFG) - Skin/Sensitizers</td>
<td>Methanol</td>
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<tr>
<td>67-56-1</td>
<td>1 Key: 0145</td>
<td>Germany - Water Classification (Vw/VwS) - Water Hazard Classes</td>
<td>Methanol</td>
</tr>
<tr>
<td>67-56-1</td>
<td>250 ppm STEL, 325 mg/m³ STEL</td>
<td>Greece - Occupational Exposure Limits - 15-Minute</td>
<td>Methyl alcohol</td>
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<tr>
<td>67-56-1</td>
<td>200 ppm TWA, 260 mg/m³ TWA</td>
<td>Greece - Occupational Exposure Limits - 8-Hour</td>
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<tr>
<td>67-56-1</td>
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<td>Iceland - Occupational Exposure Limits - 8-Hour</td>
<td>Methanol (methylalkohol)</td>
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<tr>
<td>67-56-1</td>
<td>250 ppm STEL, 310 mg/m³ STEL</td>
<td>Iceland - Occupational Exposure Limits - 15-Minute</td>
<td>Methanol</td>
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<tr>
<td>67-56-1</td>
<td>200 ppm OEL, 260 mg/m³ OEL</td>
<td>Iceland - Occupational Exposure Limits - 8-Hour</td>
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<tr>
<td>67-56-1</td>
<td>skin absorption</td>
<td>Iceland - Occupational Exposure Limits - Skin Absorbers</td>
<td>Methanol</td>
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<tr>
<td>67-56-1</td>
<td>200 ppm MAC, 260 mg/m³ MAC</td>
<td>Netherlands - Occupational Exposure Limits - 8-Hour MAXs</td>
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<td>Netherlands - Occupational Exposure Limits - Skin Absorbers</td>
<td>Methanol</td>
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<tr>
<td>67-56-1</td>
<td>100 ppm OEL, 130 mg/m³ OEL</td>
<td>Norway - Occupational Exposure Limits - 8-Hour</td>
<td>Methanol</td>
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<tr>
<td>67-56-1</td>
<td>skin absorber</td>
<td>Norway - Skin Absorbers</td>
<td>Methanol</td>
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<td>67-56-1</td>
<td>300 mg/m³ NDSch</td>
<td>Poland - Occupational Exposure Limits - 30-Minute</td>
<td>Methanol (Metylowy alcohol)</td>
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<tr>
<td>67-56-1</td>
<td>100 mg/m³ NDS</td>
<td>Poland - Occupational Exposure Limits - 8-Hour</td>
<td>Methanol (Metylowy alcohol)</td>
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<td>Portugal - Occupational Exposure Limits - 8-Hour</td>
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<td>250 ppm VLA-EC, 333 mg/m³ VLA-EC</td>
<td>Spain - Occupational Exposure Limits - 15-Minute (VLA-EC)</td>
<td>Alcohol metilico</td>
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<tr>
<td>67-56-1</td>
<td>200 ppm VLA-ED, 260 mg/m³ VLA-ED</td>
<td>Spain - Occupational Exposure Limits - 8-Hour (VLA-ED)</td>
<td>Alcohol metilico</td>
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<tr>
<td>67-56-1</td>
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<td>Spain - Occupational Exposure Limits - Skin Absorbers</td>
<td>Alcohol metilico</td>
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<tr>
<td>67-56-1</td>
<td>Can be absorbed percutaneously</td>
<td>Sweden - Occupational Desagregans</td>
<td>Methyl alcohol</td>
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<td>67-56-1</td>
<td>250 ppm STV, 350 mg/m³ STV</td>
<td>Sweden - Occupational Exposure Limits - 15-Minute (STVs)</td>
<td>Methyl alcohol</td>
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<td>200 ppm LLL, 250 mg/m³ LLL</td>
<td>Sweden - Occupational Exposure Limits - 8-Hour (LLLs)</td>
<td>Methyl alcohol</td>
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<tr>
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<td>1000 ppm STEL, 1300 mg/m³ STEL</td>
<td>Switzerland - Occupational Exposure Limits - 15-Minute</td>
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<tr>
<td>67-56-1</td>
<td>200 ppm MAK, 260 mg/m³ MAK</td>
<td>Switzerland - Occupational Exposure Limits - 8-Hour</td>
<td>Methanol</td>
</tr>
<tr>
<td>67-56-1</td>
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<td>Switzerland - Skin Absorbers</td>
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<td>67-56-1</td>
<td>Giftklasse 3</td>
<td>Switzerland - Toxic Substances Classification</td>
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<td>Key: 002003</td>
<td>Sweden - Toxic Substances Classification</td>
<td>Methanol</td>
</tr>
</tbody>
</table>

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR: Blue gel, methyl alcohol/ fishy odor

DENSITY: 0.85 g/cm³

SOLUBILITY IN WATER: Moderate

pH: 7.5-8.5 (as is)

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

BOILING POINT: N/A

MELT/FREEZE POINT: N/A
SECTION 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.

SECTION 11 - TOXICOLOGICAL INFORMATION

No information on product is available at this time.

SECTION 12 - ECOLOGICAL INFORMATION

No information on product is available at this time.

SECTION 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.

SECTION 14 - TRANSPORTATION

U.S. DOMESTIC: Consumer Commodity ORM-D
INTERNATIONAL: FLAMMABLE LIQUIDS, N.O.S., (CONTAINS METHANOL) 3, UN1993, III, LIMITED QUANTITY

SECTION 15 - REGULATORY INFORMATION

OSHA: This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).
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: 1-800-424-8802.

PRODUCT LABELING INFORMATION:
SYMBOLS: F; T
RISK PHRASES: Highly flammable. Toxic by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
SAFETY PHRASES: Keep locked up and out of reach of children. Keep away from sources on ignition – NO SMOKING. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Keep container tightly closed and in a well ventilated place. Do not empty into drains, dispose of this material and its container to hazardous or special waste collection point.
German Water Classification (WGK): 1

SECTION 16 - OTHER INFORMATION:

Risk Phrases in Section 2: R11: Highly flammable
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

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THIS IS THE LAST PAGE OF MSDS 03L HF03003, HF03008, HF03208