



EG-Sicherheitsdatenblatt gemäß 91/155/EWG
MATERIAL SAFETY DATA SHEET

MSDS 03L HF03003, HF03008, HF3208
REVISED DATE: 10-25-2007
PRODUCT NAME: HANDY FUEL® BRAND CANNED HEAT™

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT NAME: HANDY FUEL® BRAND CANNED HEAT™
UPC/SKU #: HF03003, HF03008, HF03008AB, HF03008BK, HF03008ED, HF03008FSA, HF03008RR, HF03008P, HF03008S, HF03008TM, HF03208, HF03208S
Discontinued: HF03203, HF03403, HF03408, HF03408H, HF03507, HF03507C as of March 2004
CAS NUMBER: Not applicable - product is a mixture
GENERAL USE: A gelled methyl alcohol food warming fuel.

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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 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 or 12.1 degrees C (Tag closed cup)

AUTOIGNITION: @ 745 mm Hg: 890.6 degrees F (477 degrees C)

EXTINGUISHING MEDIA: CO2, Foam, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: No known toxic combustion products or special fire fighting hazards. Self-contained breathing apparatus and protective clothing should be worn when fighting chemical fires.

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

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 chafin 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

CAS	Data	List Name	Chemical Name
67-56-1	200 ppm MAK; 260 mg/m ³ MAK	Austria - Occupational Exposure Limits (MAK Values)	Methanol
67-56-1	Category II, 1	Austria - Short Term Exposure Categories	Methanol
67-56-1	Skin absorber	Austria - Skin Absorbers	Methanol
67-56-1	250 ppm VLE courte duree; 333 mg/m ³ VLE courte duree	Belgium - Occupational Exposure Limits - 15-Minute	Alcool methylique
67-56-1	200 ppm VLE; 266 mg/m ³ VLE	Belgium - Occupational Exposure Limits - 8-Hour	Alcool methylique
67-56-1	skin	Belgium - Skin Designations	Alcool methylique
67-56-1	200 ppm TWA; 260 mg/m ³ TWA	Denmark - Occupational Exposure Limits - 8-Hour	Methanol
67-56-1	skin absorber	Denmark - Skin Absorbers	Methanol
67-56-1	250 ppm STEL; 330 mg/m ³ STEL	Finland - Occupational Exposure Limits - 15-Minute	Methyl alcohol
67-56-1	200 ppm TWA; 270 mg/m ³ TWA	Finland - Occupational Exposure Limits - 8-Hour	Methyl alcohol
67-56-1	skin absorber	Finland - Skin Absorbers	Methyl alcohol
67-56-1	1000 ppm VLE; 1300 mg/m ³ VLE	France - Occupational Exposure Limits - 15-Minute VLEs	Alcool methylique
67-56-1	200 ppm VME; 260 mg/m ³ VME	France - Occupational Exposure Limits - 8-Hour VMEs	Alcool methylique
67-56-1	200 ppm MAK; 270 mg/m ³ MAK	Germany (DFG) - Occupational Exposure Limits - 8-Hour (MAK Values)	Methanol
67-56-1	1000 ppm Peak; 1350 mg/m ³ Peak	Germany (DFG) - Occupational Exposure Limits - Ceilings (Peak Limitations)	Methanol
67-56-1	danger of cutaneous absorption	Germany (DFG) - Skin/Sensitizers	Methanol
67-56-1	1 Key: 0145	Germany - Water Classification (VwVwS) - Water Hazard Classes	Methanol
67-56-1	250 ppm STEL; 325 mg/m ³ STEL	Greece - Occupational Exposure Limits - 15-Minute	Methyl alcohol
67-56-1	200 ppm TWA; 260 mg/m ³ TWA	Greece - Occupational Exposure Limits - 8-Hour	Methyl alcohol
67-56-1	200 ppm TWA; 250 mg/m ³ TWA	Iceland - Occupational Exposure Limits - 8-Hour	Metanol (metylalkohol)
67-56-1	skin absorber	Iceland - Skin Absorbers	Metanol (metylalkohol)
67-56-1	250 ppm STEL; 310 mg/m ³ STEL	Ireland - Occupational Exposure Limits - 15-Minute	Methanol
67-56-1	200 ppm OEL; 260 mg/m ³ OEL	Ireland - Occupational Exposure Limits - 8-Hour	Methanol
67-56-1	Skin Absorption	Ireland - Occupational Exposure Limits - Skin Absorbers	Methanol
67-56-1	200 ppm MAC; 260 mg/m ³ MAC	Netherlands - Occupational Exposure Limits - 8 Hour MACs	Methanol
67-56-1	Skin absorber	Netherlands - Occupational Exposure Limits - Skin Absorbers	Methanol
67-56-1	100 ppm OEL; 130 mg/m ³ OEL	Norway - Occupational Exposure Limits - 8-Hour	Metanol
67-56-1	skin absorber	Norway - Skin Absorbers	Metanol
67-56-1	300 mg/m ³ NDSch	Poland - Occupational Exposure Limits - 30-Minute	Metanol (Metylowy alkohol)
67-56-1	100 mg/m ³ NDS	Poland - Occupational Exposure Limits - 8-Hour	Metanol (Metylowy alkohol)
67-56-1	200 ppm TWA	Portugal - Occupational Exposure Limits - 8-Hour	Methanol
67-56-1	250 ppm VLA-EC; 333 mg/m ³ VLA-EC	Spain - Occupational Exposure Limits - 15-Minute (VLA-EC)	Alcohol metilico
67-56-1	200 ppm VLA-ED; 266 mg/m ³ VLA-ED	Spain - Occupational Exposure Limits - 8-Hour (VLA-ED)	Alcohol metilico
67-56-1	skin absorber	Spain - Occupational Exposure Limits - Skin Absorbers	Alcohol metilico
67-56-1	Can be absorbed percutaneously	Sweden - Occupational Designations	Methyl alcohol
67-56-1	250 ppm STV; 350 mg/m ³ STV	Sweden - Occupational Exposure Limits - 15-Minute (STVs)	Methyl alcohol
67-56-1	200 ppm LLV; 250 mg/m ³ LLV	Sweden - Occupational Exposure Limits - 8-Hour (LLVs)	Methyl alcohol
67-56-1	1000 ppm STEL; 1300 mg/m ³ STEL	Switzerland - Occupational Exposure Limits - 15-Minute	Methanol
67-56-1	200 ppm MAK; 260 mg/m ³ MAK	Switzerland - Occupational Exposure Limits - 8-Hour	Methanol
67-56-1	Skin absorber	Switzerland - Skin Absorbers	Methanol
67-56-1	Giftklasse 3 Key: G-002063	Switzerland - Toxic Substances Classification	Methanol
67-56-1	250 ppm STEL; 333 mg/m ³ STEL	United Kingdom - Occupational Exposure Limits - 15-Minute	Methanol
67-56-1	200 ppm TWA; 266 mg/m ³ TWA	United Kingdom - Occupational Exposure Limits - 8-Hour	Methanol
67-56-1	can be absorbed through skin	United Kingdom - Occupational Exposure Limits - Notes	Methanol

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: 155.84 degrees F or 68.8 degrees C

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

DOT CLASSIFICATION: HF03003, HF03008, HF03008AB, HF03008BK, HF03008ED, HF03008FSA, HF03008RR, HF03008S, HF03008P, HF03008TM, HF03208, HF03208S
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).
RCRA (40 CFR 261, Subpart D): Methyl alcohol is listed as a RCRA Hazardous Waste No. U154.
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 of 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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MSDS REVISION INDICATORS: Revised Sections 5, 9, 16, Header.

REVISION DATE: October 25, 2007, SUPERSEDES May 29, 2007

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