

CA-03003

MSDS #0003

REVISED DATE: 07/12/00

PRODUCT NAME: HANDY FUEL® BRAND CANNED HEAT

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

ACUTE HEALTH FIRE REACTIVITY HMIS LEAST- 0 SLIGHT-1 MODERATE-2

3 3 0 HAZARD RATING: HIGH - 3 EXTREME- 4

PRODUCT NAME: HANDY FUEL® BRAND CANNED HEAT

UPC/SKU #: US Domestic: HF03003 (2 5/8 oz), HF03008 (8 oz), HF03008S (8 oz), HF03507 (1 gal), HF03507C (1 gal)

International: HF03203, HF03208, HF03403, HF03408, HF03408H

CAS NUMBER: Not applicable - product is a mixture

GENERAL USE: A gelled methyl alcohol food warming fuel.

CANDLE CORPORATION OF AMERICA

Institutional Products Group

999 E. Touhy, Suite 450

Des Plaines, IL 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) 313-895

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

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 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:

EMERGENCY OVERVIEW: Methanol is toxic if ingested. Oral LD50 (Rat) is 15gm/kg (methanol)

Flammable solid, 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 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.

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.

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

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.

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.

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 chafers 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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE AND ODOR: Blue gel, methyl alcohol/ fishy odor VAPOR PRESSURE: N/A

DENSITY: 0.85 g/cm³ VAPOR DENSITY: N/A

SOLUBILITY IN WATER: Moderate BOILING POINT: N/A

pH: 7.5-8.5 (as is) MELT/FREEZE 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: HF03003, HF03008, HF03008S, HF03507, HF03507C, HF03203, HF03208-C
Commodity ORM-D Exception

INTERNATIONAL: HF03507 - Flammable Solid, Organic, N.O.S., (Contains Methanol), 4.1,

UN 1325, PG III, 4-1 Gal Cans, 32#/Case

HF03003, HF03008, HF03403, HF03408, HF03408H - Dangerous Goods in Limited Quantities of Class 4.1, PG III; or Flammable Solid, Organic, N.O.S., (Contains Methanol), 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): 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
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: July 12, 2000

The information on this sheet is limited to the material identified and is believed by 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 warranty, 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.