

1 Identification

Product Name: EASY HEATERS CATERING GEL

Other Means of Identification: Mixture

Other Name: On the Spot Hot, Hot Stuff Chafing Fuel, Methanol Gel

Product Code: EGZEL, EOG02, EZ BULKGEL

Recommended Use of the Chemical and Restriction on Use: Gelled methyl alcohol food warming fuel.

Details of Manufacturer or Importer:

Easy Heaters Pty Ltd
3/15 Craftsman Avenue
Berkeley Vale NSW 2261

Phone Number: 02 4389 4144

Emergency telephone number:

02 4389 4144 (Monday to Friday 6.00am to 3.00pm)
0418 693 478

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



Flame

Flammable Solids 1 H228 Flammable solid.



Skull and crossbones

Acute Toxicity (Oral) 3 H301 Toxic if swallowed.

Acute Toxicity (Dermal) 3 H311 Toxic in contact with skin.

Acute Toxicity (Inhalation) 3 H331 Toxic if inhaled.



Health hazard

STOT SE 1 H370 Causes damage to organs.

Signal Word Danger

Hazard Statements

H228 Flammable solid.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

H370 Causes damage to organs.

Precautionary Statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

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
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 P321 Specific treatment (see on this label).
 P330 Rinse mouth.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.
 P312 Call a POISON CENTER/doctor if you feel unwell.
 P361+P364 Take off immediately all contaminated clothing and wash it before reuse.
 P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.
 P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 67-56-1	Methanol	70-80%
	 Flammable Liquids 2, H225;  Acute Toxicity (Oral) 3, H301; Acute Toxicity (Dermal) 3, H311; Acute Toxicity (Inhalation) 3, H331;  STOT SE 1, H370	

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep person warm and quiet. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation persists.

Eye Contact:

In case of eye contact, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek immediate medical attention.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: Toxic if inhaled. May cause mild respiratory irritation. Occupational exposure exceeding recommended concentration limits (see section 8) may cause headache, drowsiness, nausea, vomiting, blurred vision, blindness and coma.

Skin Contact: Toxic in contact with skin. May cause skin irritation.

Eye Contact: Causes eye irritation.

Ingestion: Toxic if swallowed. May cause exhilaration followed by central nervous system (CNS) depression, slurred speech, convulsions and hypoglycemia. May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

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5 Fire Fighting Measures

Suitable Extinguishing Media:

Use alcohol-resistant foam, dry chemical or carbon dioxide. Do not use solid water stream.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon.

Product is flammable.

Containers close to fire should be removed only if safe to do so. Closed cans exposed to flame and heat may erupt, scattering fragments.

Prevent run-off from fire fighting entering drains or water courses.

HAZCHEM Code: 1Z

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots.

Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

Environmental Precautions:

Inform respective authorities in case of seepage into water course or sewage system.

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.

Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only in a well-ventilated area.

Place can in fuel holder or under chafer before lighting; burn can in a level upright position.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area, at temperature between 4 °C and 49 °C. Keep container tightly closed when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents and combustible materials.

8 Exposure Controls and Personal Protection

Exposure Standards:**CAS: 67-56-1 Methanol**

WES	STEL: 328 mg/m ³ , 250 ppm
	TWA: 262 mg/m ³ , 200 ppm
	Sk

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Engineering Controls:

Ensure adequate ventilation of the working area, keeping airborne concentrations below occupational exposure standards.

Respiratory Protection:

Respiratory protection is not required under normal use conditions.

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Protective gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Thick gel
Colour:	Blue
Odour:	Slight, alcohol-like
Odour Threshold:	No information available
pH-Value:	7 - 8
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	77 - 80 °C
Flash Point:	12 °C (TCC)
Flammability:	Flammable
Auto-ignition Temperature:	477 °C
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	6 Vol %
Upper:	36 Vol %
Vapour Pressure at 20 °C:	130 hPa
Density:	0.85 g/cm ³
Vapour Density:	1.11 (air =1)
Evaporation Rate:	No information available
Solubility in Water:	Slowly dissolving in water
Partition Coefficient (n-octanol/water):	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid:

Temperatures below 4 °C and above 49 °C. Heat, sparks, open flames and other sources of ignition.

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Incompatible Materials: Strong oxidising agents and combustible materials.**Hazardous Decomposition Products:** Oxides of carbon.

11 Toxicological Information

Toxicity:**LD50/LC50 Values:****CAS: 67-56-1 Methanol**

Oral	LD50	5,628 mg/kg (rat)
	LD50	15,800 mg/kg (rabbit)
Inhalation	LC50/4 h	83.8 mg/l (rat)

Acute Health Effects**Inhalation:**

Toxic if inhaled. May cause mild respiratory irritation. Occupational exposure exceeding recommended concentration limits (see section 8) may cause headache, drowsiness, nausea, vomiting, blurred vision, blindness and coma.

Skin: Toxic in contact with skin. May cause skin irritation.

Eye: Causes eye irritation.

Ingestion:

Toxic if swallowed. May cause exhilaration followed by central nervous system (CNS) depression, slurred speech, convulsions and hypoglycemia. May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Based on classification principles, the classification criteria are not met.

This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure: Causes damage to organs.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: No data associated with long term health effects.

Existing Conditions Aggravated by Exposure: No data available.

Additional toxicological information: Toxic

12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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CAS: 67-56-1 Methanol	
LC50/96 h	13,500-17,600 ppm (Iepomis macrochirus)
	19,500-20,700 ppm (rainbow trout)
LC50/96 h	28,200 mg/l (fathead minnow)

Persistence and Degradability: Readily biodegradable.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers:

Dispose according to applicable local and state government regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number	UN1325
ADG, IMDG, IATA	
Proper Shipping Name	FLAMMABLE SOLID, ORGANIC, N.O.S. (METHANOL FUEL GEL)
ADG, IMDG, IATA	
Dangerous Goods Class	
ADG Class:	4.1
Packing Group:	
ADG, IMDG, IATA	II
Marine pollutant:	No
EMS Number:	F-A,S-G
Hazchem Code:	1Z
Special Provisions:	274
Excepted quantities (EQ):	E2
Limited Quantities:	1 kg
Packagings & IBCs - Packing Instruction:	P002, IBC08
Packagings & IBCs - Special Packing Provisions:	B2, B4
Portable Tanks & Bulk Containers - Instructions:	T3
Portable Tanks & Bulk Containers - Special Provisions:	TP33

15 Regulatory Information

Australian Inventory of Industrial Chemicals:

All ingredients are listed.

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Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 6

16 Other Information

Date of Preparation or Last Revision: 09.09.2022**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Flammable Liquids 2: Flammable liquids – Category 2

Flammable Solids 1: Flammable solids – Category 1

Acute Toxicity (Oral) 3: Acute toxicity – Category 3

STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

Data altered compared to the previous version: Sections: 2, 3, 4, 5, 6, 7, 11.**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020".

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