

# Safety Data Sheet

according to WHS Regulations

Printing date 14.11.2017

Revision: 14.11.2017

## 1 Identification

**Product Name:** EASY HEATERS CATERING GEL

**Other Means of Identification:**

**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:** A 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/sparks/open flames/hot surfaces. No smoking.

P240 Ground/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 hands 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.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 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.  
 P321 Specific treatment (see on this label).  
 P330 Rinse mouth.  
 P361+P364 Take off immediately all contaminated clothing and wash it before reuse.  
 P370+P378 In case of fire: Use to extinguish: CO2, powder or water spray.  
 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:

67-56-1	Methanol	81%
	 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. 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 symptoms occur.

#### Eye Contact:

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

#### Ingestion:

Wash mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

#### Symptoms Caused by Exposure:

Inhalation is the most common route of occupational exposure. At first, methanol causes CNS depression with nausea, headache, vomiting, dizziness and incoordination. A time period with no obvious symptoms follows (typically 8-24 hrs). This latent period is followed by metabolic acidosis and severe visual effects which may include reduced reactivity and/or increased sensitivity to light, blurred, double and/or snowy vision, and blindness.

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### 5 Fire Fighting Measures

**Suitable Extinguishing Media:**

Carbon dioxide, foam or dry chemical. Do not use high pressure stream of water to extinguish burning material.

**Specific Hazards Arising from the Chemical:**

Closed cans exposed to flame and heat may erupt, scattering fragments.

**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 Safe Work Australia approved self-contained breathing apparatus and full protective clothing. 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:**

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. Eliminate all ignition sources. 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. Keep container tightly closed. Protect from direct sunlight, heat/sparks/open flames/hot surfaces. Do not expose to temperatures exceeding 49°C. Keep away from strong oxidising agents.

### 8 Exposure Controls and Personal Protection

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

NES	Short-term value: 328 mg/m <sup>3</sup> , 250 ppm
	Long-term value: 262 mg/m <sup>3</sup> , 200 ppm
Sk	

**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

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**Respiratory Protection:**

Not required unless exposed to high airborne concentrations of vapour (above occupational exposure standards).

**Skin Protection:**

Rubber gloves and protective clothing. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2 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:**

<b>Form:</b>	Thick gel
<b>Colour:</b>	Blue
<b>Odour:</b>	Slight alcohol odour
<b>Odour Threshold:</b>	Not determined.
<b>pH-Value:</b>	7-8
<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial Boiling Point/Boiling Range:</b>	77-80 °C
<b>Flash Point:</b>	12 °C (Tag closed cup)
<b>Flammability:</b>	Not applicable.
<b>Auto-ignition Temperature:</b>	477 °C
<b>Decomposition Temperature:</b>	Not determined.
<b>Explosion Limits:</b>	
<b>Lower:</b>	6 Vol %
<b>Upper:</b>	36 Vol %
<b>Vapour Pressure at 20 °C:</b>	97.68 mm Hg
<b>Density:</b>	Not determined.
<b>Relative Density:</b>	Not determined.
<b>Vapour Density:</b>	1.11
<b>Solubility in Water:</b>	Gel is slowly dissolved in water.
<b>Organic solvents:</b>	71.0 %

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

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

**Conditions to Avoid:** Direct sunlight, heat/sparks/open flames/hot surfaces.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:** Oxides of carbon.

## 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****67-56-1 Methanol**

Oral	LD <sub>50</sub>	5628 mg/kg (rat)
Dermal	LD <sub>50</sub>	15800 mg/kg (rabbit)

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**Acute Health Effects****Inhalation:**

Toxic if inhaled. Causes CNS depression with nausea, headache, vomiting, dizziness and incoordination.

**Skin:**

Toxic in contact with skin. Causes moderate skin irritation. May be absorbed through the skin, producing systemic effects that include visual disturbances.

**Eye:**

May cause painful sensitisation to light. Methanol is a mild to moderate eye irritant. Inhalation, ingestion or skin absorption of methanol can cause significant disturbances in vision, including blindness.

**Ingestion:**

Toxic if swallowed. May cause blindness if swallowed. Aspiration hazard. Cannot be made non-poisonous. May cause gastrointestinal irritation with nausea, vomiting and diarrhoea. May cause systemic toxicity with acidosis. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure. May cause cardiopulmonary system effects.

**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:** This product does NOT contain any IARC listed chemicals.**Reproductive Toxicity:** No information available.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Causes damage to organs (CNS, eyes, cardiopulmonary system).

**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:**

Prolonged or repeated skin contact may cause dermatitis. Chronic exposure may cause effects similar to those of acute exposure. Methanol is only very slowly eliminated from the body. Because of this slow elimination, methanol should be regarded as a cumulative poison. Though a single exposure may cause no effect, daily exposures may result in the accumulation of a harmful amount. Methanol has produced fetotoxicity in rats and teratogenicity in mice exposed by inhalation to high concentrations that did not produce significant maternal toxicity.

**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

<b>12 Ecological Information</b>
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**Ecotoxicity:****Aquatic toxicity:** Dangerous to aquatic life in high concentrations.**Persistence and Degradability:** Methanol is expected to biodegrade in soil and water very rapidly.**Bioaccumulative Potential:** No further relevant information available.

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**Mobility in Soil:**

Methanol shows high soil mobility and will be degraded from the ambient atmosphere by the reaction with photochemically produced hydroxyl radicals with an estimated half-life of 17.8 days.

## 13 Disposal Considerations

**Disposal Methods and Containers:**

Must not be disposed of together with household garbage. Do not allow to reach sewage system. Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

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

## 14 Transport Information

<b>UN Number</b>	UN1325
<b>ADG, IMDG, IATA</b>	
<b>Proper Shipping Name</b>	FLAMMABLE SOLID, ORGANIC, N.O.S.
<b>ADG, IMDG, IATA</b>	
<b>Dangerous Goods Class</b>	4.1 Flammable solids, self-reactive substances and solid desensitised explosives.
<b>ADG Class:</b>	
<b>Packing Group:</b>	II
<b>ADG, IMDG, IATA</b>	
<b>Marine pollutant:</b>	No
<b>EMS Number:</b>	F-A,S-G
<b>Hazchem Code:</b>	1Z
<b>Special Provisions:</b>	274
<b>Limited Quantities:</b>	1 kg
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P002, IBC08
<b>Packagings &amp; IBCs - Special Packing Provisions:</b>	B2, B4
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	T3
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	TP33

## 15 Regulatory Information

**Australian Inventory of Chemical Substances:**

67-56-1 | Methanol

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

Poisons Schedule: 6

## 16 Other Information

**Date of Preparation or Last Revision:** 14.11.2017**Prepared by:** MSDS.COM.AU Pty Ltd[www.msds.com.au](http://www.msds.com.au)**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods

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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)

LC<sub>50</sub>: Lethal concentration, 50 percentLD<sub>50</sub>: 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

**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 - February 2016”

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