

**SAFETY DATA SHEET**  
According to Safe Work Australia

Printing date 06.12.2016

Revision: 06.12.2016

**1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY****Product Name: OZ GEL****Other Means of Identification:** Mixture**Recommended Use of the Chemical and Restriction on Use:** Fuel for food warming applications.**Details of Manufacturer or Importer:**Oz Tableware Pty Ltd  
1/26 Stanley Street  
Peakhurst NSW 2210**Phone Number:** 02 9584 1144**Emergency telephone number:** 02 9584 1144**2 . HAZARDS 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+H311+H331 Toxic if swallowed, in contact with skin or 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.

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

P260                                      Do not breathe dust/fume/gas/mist/vapours/spray.

P280                                      Wear protective gloves/protective clothing/eye protection/face protection.

P240                                      Ground/bond container and receiving equipment.

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.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P321                                      Specific treatment (see on this label).

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P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTER/doctor if you feel unwell.  
 P330 Rinse mouth.  
 P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.  
 P361+P364 Take off immediately all contaminated clothing and wash it before reuse.  
 P405 Store locked up.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 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	70 - 90%
	 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, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

#### Ingestion:

If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.

#### Symptoms Caused by Exposure:

Inhalation: Toxic if inhaled.

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

Eye Contact: May cause mild eye irritation.

Ingestion: Toxic if swallowed.

### 5 . FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Water fog, alcohol resistant foam, dry chemical powder or carbon dioxide.

#### Specific Hazards Arising from the Chemical:

Highly flammable liquid and vapour.

Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

#### Special Protective Equipment and Precautions for Fire Fighters:

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

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### 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:

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 dilute with plenty of water. Absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

### 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. Prevent the formation of aerosols. Use only outdoors or in a well-ventilated area.

Take precautionary measures against static discharge. 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 when not in use. Protect from heat, sparks, open flames and other sources of ignition. Keep away from strong oxidising agents.

### 8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION

#### Exposure Standards:

#### 67-56-1 Methanol

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

#### Engineering Controls:

Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

#### 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:

Rubber 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.

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**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 . PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

<b>Form:</b>	Gel
<b>Colour:</b>	Red, Blue
<b>Odour:</b>	Like alcohol
<b>Odour Threshold:</b>	No information available
<b>pH-Value at 20 °C:</b>	8 (as is)
<b>Melting point/Melting range:</b>	Not determined
<b>Initial Boiling Point/Boiling Range:</b>	64 °C
<b>Flash Point:</b>	11 °C
<b>Flammability:</b>	Highly flammable.
<b>Ignition Temperature</b>	464 °C
<b>Auto-ignition Temperature:</b>	Product is not self-igniting.
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	5.5 Vol %
<b>Upper:</b>	44.0 Vol %
<b>Vapour Pressure at 20 °C:</b>	128 hPa
<b>Density at 20 °C:</b>	0.85 g/cm <sup>3</sup>
<b>Relative Density:</b>	Not determined
<b>Vapour Density:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined
<b>Solubility in Water:</b>	Partially soluble
<b>Partition Coefficient (n-octanol/water):</b>	Not determined
<b>Viscosity:</b>	Not determined
<b>Organic solvents:</b>	77.0 %
<b>Solids content:</b>	0.9 %

## 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:** Heat, sparks, open flames and other sources of ignition.

**Incompatible Materials:** Strong oxidising agents.

**Hazardous Decomposition Products:** No hazardous decomposition products known.

## 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)
Inhalation	LC <sub>50</sub> /4 h	128.2 mg/l (rat)

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**Acute Health Effects****Inhalation:** Toxic if inhaled.**Skin:** Toxic in contact with skin. May cause mild skin irritation.**Eye:** May cause mild eye irritation.**Ingestion:** Toxic if swallowed.**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:** 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 information available**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available**12 . ECOLOGICAL INFORMATION****Ecotoxicity:****Aquatic toxicity:****67-56-1 Methanol**

EC <sub>50</sub>	10000 mg/L (daphnia)
	22000 mg/L (green algae)

**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.**13 . DISPOSAL CONSIDERATIONS****Disposal Methods and Containers:** 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****UN Number**  
**ADG, IMDG, IATA**

UN2926

**Proper Shipping Name**  
**ADG, IMDG, IATA**FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.  
(METHANOL)

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**Dangerous Goods Class**

**ADG Class:** 4.1 Flammable solids, self-reactive substances and solid desensitised explosives.

**Subsidiary Risk:** 6.1

**Packing Group:**

**ADG, IMDG, IATA** II

**EMS Number:** F-A,S-G

**Hazchem Code:** 1X

**Special Provisions:** 274

**Limited Quantities:** 1 kg

**Packagings & IBCs - Packing Instruction:** P002, IBC06

**Packagings & IBCs - Special Packing Provisions:** B2

**Portable Tanks & Bulk Containers - Instructions:** T3

**Portable Tanks & Bulk Containers - Special Provisions:** 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:** 06.12.2016

**Prepared by:** MSDS.COM.AU Pty Ltd

[www.msds.com.au](http://www.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)

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

LD<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 - December 2011”

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Oz Tableware Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as

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to the suitability of the information provided to the particular circumstances in which the product is used.