

## SAFETY DATA SHEET

[in accordance with the criteria of Regulation no 1907/2006 (REACH) as amended]

### Section 1: Identification of the substance/mixture and of the company undertaking

#### 1.1 Product Identifier

Chafing dish fuel tins 200g  
Chafing dish fuel bucket 4kg

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: combustion fuel for professional use in chafing  
dish apparatus. Uses advised against: not determined.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer: **Preema International Ltd**  
Address: 171 Camford Way, Luton, Bedfordshire, LU3 3AN, Great Britain  
Telephone/Fax number: 0845 555 1888  
E-mail address for a competent person responsible for SDS: info@preema.co.uk

#### 1.4 Emergency telephone number 112

### Section 2: Hazards identification

#### 2.1 Classification of the substance or mixture **Flam. Sol. 1 H228, Eye Irrit. 2**

H319 Flammable solid. Causes serious eye irritation.

#### 2.2 Label elements

Hazard pictograms and signal words



**DANGER**

Names of substances mentioned on label None.

Hazard statements

H228 Flammable solid.  
H319 Causes serious eye

irritation. Precautionary statements

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

#### 2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

### Section 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable.

## SAFETY DATA SHEET

### 3.2 Mixtures

#### ethanol

Concentration: 50-80 %  
CAS number: 64-17-5  
EC number: 200-578-6  
Index number: 603-002-00-5  
Registration number: 01-2119457610-43-XXX  
Classification: Flam. Liq. 2 H225, Eye Irrit.

2 H319 Substance with occupational exposure limits defined on the national level. methanol

Concentration: < 3 %  
CAS number: 67-56-1  
EC number: 200-659-6  
Index number: 603-001-00-X  
Registration number: 01-2119433307-44-XXX  
Classification: Flam. Liq. 2 H225, Acute Tox. 3 H331, Acute Tox. 3 H311, Acute Tox. 3 H301, STOT SE 1 H370

Substance with occupational exposure limits defined on the EU and national level.

#### butanon

Concentration: < 2 %  
CAS number: 78-93-3  
EC number: 201-159-0  
Index number: 606-002-00-3  
Registration number: 01-2119457290-43-XXXX  
Classification: Flam. Liq. 2 H225; Eye Irrit. 2 H319; STOT SE 3

H336 Substance with occupational exposure limits defined on the EU and national level.

Full text of each relevant H phrase is given in section 16.

## Section 4: First Aid Measures

### 4.1 Description of first aid measures

Skin contact: take off contaminated clothing. Wash skin thoroughly with water with soap. Consult a doctor if disturbing symptoms appear.

Eye contact: protect non-irritated eye and remove contact lenses. Wash out with plenty of water for several minutes. Avoid powerful water stream – risk of cornea damage. Consult an ophthalmologist if disturbing symptoms appear.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor – show the container or label.

Inhalation: consult a doctor if disturbing symptoms appear. Remove to fresh air. Keep the victim warm and calm.

### 4.2 Most important symptoms and effects, both acute and delayed

Eye contact: possible redness, tearing, burning, pain.

Skin contact: in case of frequent or long exposure redness, drying, cracking of the skin.

Inhalation: in case of high concentration of vapours, product can cause pain, dizziness, coordination disorders, similar symptoms as after ingestion.

Ingestion: possible nausea, vomiting, headaches, dizziness, coordination and balance disorders, drowsiness.

### 4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

**Section 5: Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing media: CO<sub>2</sub>, fire-extinguishing powder, water spray, alcohol-resistant foam.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

**5.2 Special hazards arising from the substance or mixture**

During the fire, the product may produce hazardous fumes containing carbon oxides. Do not inhale combustion products, they can be dangerous for human health.

**5.3 Advice for firefighters**

Flammable product. Product's vapours can create explosive mixtures with air. Product vapours are heavier than air and accumulate in the lower parts of the premises. Cool down containers with water spray to prevent bursting. Personal protection typical in case of fire. Self-contained breathing apparatus and protective clothing should be worn in the fire zone.

**Section 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Ensure that removing the problem and its results is conducted by trained personnel only. In case of large spills, isolate the exposed area. Avoid contact with skin and eyes. Remove all sources of fire and heat. Announce a prohibition of smoking. Warning! There is a risk of slipping on spilled product.

**6.2 Environmental precautions**

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

**6.3 Methods and material for containment and cleaning up**

Collect with incombustible, liquid-binding material (e.g. sand, soil, universal binding agent, silica, etc.) and place it in labeled containers. Collected material treat as waste. Clean the contaminated place.

**6.4 Reference to other sections**

Appropriate conduct with waste product – see section 13.

Personal protective equipment – see section 8.

**Section 7: Handling and storage****7.1 Precautions for safe handling**

Handle in accordance with good occupational hygiene and safety practices. Avoid contact with skin and eyes. Before break and after work carefully wash hands. Unused containers keep tightly closed. Use as intended. Work away from the heat and fire sources. Take precautionary measures against static discharge. Do not smoke.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep only in dry, cool places with good ventilation. Keep away from food, beverages or animal feed. Keep away from heat and direct sunlight. Keep away from fire. Storage apart from oxidizing substances. Keep container tightly closed.

**7.3 Specific end use(s)**

Combustion fuel for professional use in chafing dish apparatus.

**Section 8: Exposure controls/personal protection****8.1 Control parameters**

Workplace exposure limits in Great Britain and Northern Ireland according to EH40/2005 Workplace Exposure Limits (Third edition, published 2018).

## SAFETY DATA SHEET

Specification	TWA 8 hour	STEL 15 min
methanol [CAS 67-56-1]	266 mg/m <sup>3</sup>	333 mg/m <sup>3</sup>
butanon [CAS 78-93-3]	600 mg/m <sup>3</sup>	899 mg/m <sup>3</sup>
ethanol [CAS 64-17-5]	1920 mg/m <sup>3</sup>	-

### Recommended control procedures

Procedures concerning the control over the dangerous components concentrations in the air and control over the air quality in the workplace – if they are available and justified for the position – in accordance with the European Standards, with the conditions within the exposure place and a proper test methodology adapted to the working conditions.

### **8.2 Exposure controls**

Work in accordance with the principles of safety and hygiene. During operation, do not eat, drink or smoke. Avoid contact with skin and eyes. Ensure good general and/or local ventilation at work stations to ensure the maintenance of concentrations of hazardous components in the atmosphere below the exposure limit values.

#### Hand and body protection

In case of frequent or long exposure, it is advised to use protective gloves. Recommended material for gloves: butyl rubber, neoprene.

When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination.

#### Eye/face protection

Use goggles in case of a danger of eyes contamination.

#### Respiratory protection

Not required if there is an appropriate ventilation. At high concentrations of vapours or in case of sudden incidents, use half masks/ masks with organic vapours absorber.

Personal protective equipment must meet requirements of regulation (EU) 2016/425. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

#### Environmental exposure controls

Avoid release of large amounts to surface water, drainage system or soil.

## Section 9: Physical and Chemical Properties

### **9.1 Information on basic physical and chemical properties**

physical state:	gel
colour:	colourless
odour:	characteristic
odour threshold:	not determined
pH:	not determined
melting point/freezing point:	-70 °C
initial boiling point and boiling range:	78 °C
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	15 % vol./ 3,5 % vol. (ethanol)
vapour pressure (20 °C):	5,9 kPa
vapour density:	not determined
density (20 °C):	860 kg/m <sup>3</sup>
solubility(ies):	soluble in water

## SAFETY DATA SHEET

partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	425 °C(ethanol)
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

### 9.2 Other information

None.

## Section 10: Stability and Reactivity

### 10.1 Reactivity

Product is reactive, will not undergo dangerous polymerization. See section 10.3-10.5.

### 10.2 Chemical stability

The product is stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hydrogen may be formed in reaction with light metals.

### 10.4 Conditions to avoid

Avoid direct sunlight, fire and heat sources.

### 10.5 Incompatible materials

Strong oxidants, light metals.

### 10.6 Hazardous decomposition products

Not known.

## Section 11: Toxicological Information

### 11.1 Information on toxicological effects

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

#### Acute toxicity

LD50 (rat, oral)	7000 mg/kg
LD50 (rabbit, skin)	13153 mg/kg
LCL0 (rat, inhalation)	12200 mg/l/4h

Based on available data, the classification criteria are not met.

#### Skin corrosion/ irritation

Based on available data, the classification criteria are not met.

#### Serious eye damage/ irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT- single exposure

## SAFETY DATA SHEET

Based on available data, the classification criteria are not met.

STOT- repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

### Section 12: Ecological Information

#### 12.1 Toxicity

The product is not classified as dangerous for environment.

#### 12.2 Persistence and degradability

Product is easily biodegradable.

#### 12.3 Bio accumulative potential

Components of the product are not bio accumulative.

#### 12.4 Mobility in soil

Product mixes with water and spreads in the aquatic environment.

#### 12.5 Results of PBT and vPvB assessment

Substances contained in the product are not classified as PBT or vPvB.

#### 12.6 Other adverse effects

Product does not contribute to ozone depletion or global warming.

### Section 13: Disposal Considerations

#### 13.1 Waste treatment methods

Disposal methods for the mixture: the waste should be disposed in authorized incinerations or waste treatment/disposal plant, in accordance with the local legislation. Residues store in original containers. Waste code should be given in the manufacturing place.

Disposal methods for used packing: reuse/recycling/liquidation of empty containers dispose in accordance with the local legislation. Only containers completely emptied can be recycled.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

### Section 14: Transport Information

#### 14.1 UN number

UN 1325

#### 14.2 UN proper shipping name

FLAMMABLE SOLID, ORGANIC, N.O.S. (ETHANOL)

#### 14.3 Transport hazard class(es)

4.1

#### 14.4 Packing group

II

#### 14.5 Environmental hazards

According to transport regulations, product is not dangerous for the environment.

#### 14.6 Special precautions for user

Not necessary.

#### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.



**Section 15: Regulatory Information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Commission Regulation (EU) **2015/830** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**Regulation (EC) No 1907/2006** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

**Regulation (EC) No 1272/2008** of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance) as amended.

**Directive 2008/98/EC** of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

**European Parliament and Council Directive 94/62/EC** of 20 December 1994 on packaging and packaging waste as amended.

**Regulation (EU) 2016/425** of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

**15.2 Chemical safety assessment**

It is not necessary to carry out a chemical safety assessment for the mixture.

**Section 16: Other Information**

Full text of indicated H phrases mentioned in section 3

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H370	Causes damage to organs.

Abbreviations and acronyms

TWA	Time-weighted average
STEL	Short-term exposure limit
PBT	Persistent, Bioaccumulative and Toxic Substances
vPvB	very Persistent and very Bioaccumulative Substances
Eye Irrit. 2	Eye Irritation, cat. 2
Flam. Liq. 2	Flammable Liquid cat. 2
Acute Tox. 3	Acute Toxicity cat. 3
STOT SE 1, 3	Specific target organ toxicity - single exposure cat. 1, 3

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training. Persons related to the transportation of the dangerous goods in compliance with the ADR Agreement should be properly trained within the scope of performed tasks (general training, on-the-job training and training related to the safety issues).

Key literature references and data sources

This SDS was prepared on the basis of SDS delivered by the producer, literature data, online databases as well as our knowledge and experience, taking into account current legislation.

## SAFETY DATA SHEET

### Other data

Classification was based on data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Date of update: 28.01.2019

Changes: sections 3,8,15,16

Version: 7.0/EN

Composed by: mgr Agata Tulińska (on the basis of producer's data).

Safety Data Sheet made by: „THETA“ Doradztwo Techniczne

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.