

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 05.01.2017

Revision: 25.07.2017

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

- . 1.1 Product identifier
- . Trade name: **KEMAPOX V 7500 AQUA M A**
- . 1.2 Relevant identified uses of the substance or mixture and uses advised against
  - No further relevant information available.
- . Application of the substance / the mixture Construction chemicals
- . 1.3 Details of the supplier of the safety data sheet
- . Manufacturer/Supplier:
  - KEMA d.o.o.
  - Puconci 393 9201 Pu-
  - conci Slovenija
- . Further information obtainable from: R&D DEPARTMENT
- . 1.4 Emergency telephone number: +386 (0)2 545 95 00

### SECTION 2: Hazards identification

- . 2.1 Classification of the substance or mixture
- . Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Irrit. 2 H315 Causes skin irritation.  
 Eye Irrit. 2 H319 Causes serious eye irritation.

- 
- . 2.2 Label elements
  - . Labelling according to Regulation (EC) No 1272/2008
    - The product is classified and labelled according to the CLP regulation.
  - . Hazard pictograms



GHS07

- . Signal word Warning
- . Hazard statements
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
- . Precautionary statements
 

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P264	Wash thoroughly after handling.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of water.

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- . 2.3 Other hazards
- . Results of PBT and vPvB assessment
- . PBT: Not applicable.
- . vPvB: Not applicable.

### SECTION 3: Composition/information on ingredients

- . 3.2 Chemical characterisation: Mixtures
- . Description: Mixture of substances listed below with nonhazardous additions.

#### . Dangerous components:

CAS: 9046-10-0	Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia  Skin Corr. 1C, H314; Eye Dam. 1, H318  Acute Tox. 4, H302 Aquatic Chronic 3, H412	2,5-10%
CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3	1-methoxy-2-propanol  Flam. Liq. 3, H226  STOT SE 3, H336	≤ 2,5%
CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5	Benzyl Alcohol  Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2, H319	≤ 2,5%

- . Additional information: For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- . 4.1 Description of first aid measures
- . General information: Immediately remove any clothing soiled by the product.
- . After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- . After skin contact: Immediately wash with water and soap and rinse thoroughly.
- . After eye contact:  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- . After swallowing: If symptoms persist consult doctor.
- . 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- . 4.3 Indication of any immediate medical attention and special treatment needed  
No further relevant information available.

### SECTION 5: Firefighting measures

- . 5.1 Extinguishing media
- . Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- . 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- . 5.3 Advice for firefighters
- . Protective equipment: No special measures required.

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### SECTION 6: Accidental release measures

- . **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- . **6.2 Environmental precautions:**
  - Dilute with plenty of water.
  - Do not allow to enter sewers/ surface or ground water.
- . **6.3 Methods and material for containment and cleaning up:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- . **6.4 Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### SECTION 7: Handling and storage

- . **7.1 Precautions for safe handling**
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.
- . **Information about fire - and explosion protection:** No special measures required.
- . **7.2 Conditions for safe storage, including any incompatibilities**
  - . **Storage:**
  - . **Requirements to be met by storerooms and receptacles:** No special requirements.
  - . **Information about storage in one common storage facility:** Not required.
  - . **Further information about storage conditions:**
    - Keep container tightly sealed.
    - Store receptacle in a well ventilated area.
- . **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- . **Additional information about design of technical facilities:** No further data; see item 7.
- . **8.1 Control parameters**

#### . **Ingredients with limit values that require monitoring at the workplace:**

107-98-2 1-methoxy-2-propanol

IOELV	Short-term value: 568 mg/m <sup>3</sup> , 150 ppm
	Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
	Skin

- . **Additional information:** The lists valid during the making were used as basis.
- . **8.2 Exposure controls**
  - . **Personal protective equipment:**
  - . **General protective and hygienic measures:**
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing
    - Wash hands before breaks and at the end of work.
    - Avoid contact with the eyes and skin.
  - . **Respiratory protection:** Not required.

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**. Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**. Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**. Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**. Eye protection:**

Tightly sealed goggles

### SECTION 9: Physical and chemical properties

**. 9.1 Information on basic physical and chemical properties****. General Information****. Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.

**. pH-value:** Not determined.

**. Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

**. Flash point:** >100 °C

**. Flammability (solid, gaseous):** Not applicable.

**. Ignition temperature:**

**Decomposition temperature:** Not determined.

**. Self-igniting:** Product is not selfigniting.

**. Danger of explosion:** Product does not present an explosion hazard.

**. Explosion limits:**

**Lower:** Not determined.

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<b>Upper:</b>	Not determined.
<b>. Vapour pressure:</b>	Not determined.
<b>. Density at 23 °C:</b>	0,95 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 / Miscibility with water:</b>	Fully miscible.
<b>. Partition coefficient (n-octanol/water):</b>	Not determined.
<b>. Viscosity:</b>	
Dynamic at 23 °C:	500 mPas
Kinematic:	Not determined.
<b>. Solvent content:</b>	
Organic solvents:	
VOC (EC)	30 g/L
<b>. 9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- . **10.1 Reactivity** No further relevant information available.
- . **10.2 Chemical stability**
- . **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- . **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- . **10.4 Conditions to avoid** No further relevant information available.
- . **10.5 Incompatible materials:** No further relevant information available.
- . **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- . **11.1 Information on toxicological effects**
- . **Acute toxicity** Based on available data, the classification criteria are not met.

#### . LD/LC50 values relevant for classification:

##### ATE (Acute Toxicity Estimates)

Oral	LD50	15800 mg/kg
Dermal	LD50	10611 mg/kg
Inhalative	LC50/4 h	295 mg/l

#### 9046-10-0 Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia

Oral	LD50	500 mg/kg (ATE)
Dermal	LD50	300 mg/kg (ATE)

- . **Primary irritant effect:**
- . **Skin corrosion/irritation**  
Causes skin irritation.

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- . **Serious eye damage/irritation**  
Causes serious eye irritation.
- . **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- . **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- . **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** 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**
- . **Aquatic toxicity:** No further relevant information available.
- . **12.2 Persistence and degradability** No further relevant information available.
- . **12.3 Bioaccumulative potential** No further relevant information available.
- . **12.4 Mobility in soil** No further relevant information available.
- . **Additional ecological information:**
- . **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- . **12.5 Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- . **13.1 Waste treatment methods**
- . **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- . **Uncleaned packaging:**
- . **Recommendation:** Disposal must be made according to official regulations.
- . **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- |                                          |      |
|------------------------------------------|------|
| . <b>14.1 UN-Number</b>                  |      |
| . <b>ADR,RID,ADN, ADN, IMDG, IATA</b>    | Void |
| . <b>14.2 UN proper shipping name</b>    |      |
| . <b>ADN, IMDG, IATA</b>                 | Void |
| . <b>14.3 Transport hazard class(es)</b> |      |
| . <b>ADR,RID,ADN, IMDG, IATA</b>         |      |
| . <b>Class</b>                           | Void |

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. <b>Label</b>	-
. <b>ADN/R Class:</b>	Void
. <b>14.4 Packing group</b>	
. <b>ADR, RID, ADN, IMDG, IATA</b>	Void
. <b>14.5 Environmental hazards:</b>	Not applicable.
. <b>14.6 Special precautions for user</b>	Not applicable.
. <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
. <b>UN "Model Regulation":</b>	Void

### SECTION 15: Regulatory information

- . **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- . **Directive 2012/18/EU**
- . **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- . **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 46b
- . **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### . **Relevant phrases**

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

#### . **Department issuing SDS: R&D DEPARTMENT**

#### . **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

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*Flam. Liq. 3: Flammable liquids – Category 3**Acute Tox. 4: Acute toxicity – Category 4**Acute Tox. 3: Acute toxicity – Category 3**Skin Corr. 1C: Skin corrosion/irritation – Category 1C**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3**Asp. Tox. 1: Aspiration hazard – Category 1**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

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