

SAFETY DATA SHEET

KEMAZIM OC

Chloride-free hardening accelerator

1. PREPARATION/SUBSTANCE IDENTIFICATION AND SUPPLIER DATA

1.1 Identification of substance or preparation:	KEMAZIM OC
1.2 Application of substance or preparation:	Chloride-free hardening accelerator
1.3 Supplier data:	KEMA PUCONCI, Kremen in Specialni Gradbeni Materiali, d.o.o. Puconci 109, 9201 Puconci T: +386 (0)2 545 95 00 F: +386 (0)2 545 95 10
1.4 Contact person:	e-mail: robert.konkolic@kema.si
1.5 Emergency call number:	T: +386 (0)2 545 95 34

2. ASSESSMENTS ABOUT DANGEROUS CHARACTERISTICS

Classification of the substance/preparation:	Preparation is not classified as dangerous in accordance with Directive 1999/45/ES and their supplementations.
Danger for human:	Combustible by drying of water proportion. May cause irritation to eyes and skin.

3. COMPOSITION/DATA ABOUT INGREDIENTS

Composition:	Water solution of calcium nitrate. It doesn't contain dangerous components above upper limits of EU directive.
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4. FIRST AID MEASURES

4.1 Inhalation:	By inhalation of fumes or decomposition products of fire go to fresh air.
4.2 Contact with skin:	Immediately put contaminated clothes away and wash contaminated skin with plenty of water. Get medical attention if irritation persists after washing.
4.3 Contact with eyes/mucous membrane:	Wash out (rinse) immediately by plenty of clean water for 15 minutes and then see a doctor.
4.4 Ingestion:	Rinse out mouth and then drink plenty of water.

5. MEASURES IN CASE OF FIRE

5.1 Extinguishing asset:	Water jet.
5.2 Dangerous extinguishment assets:	Nitrous gases.
5.3 Extra instructions for fire fighting:	Wear breathing apparatus.

6. MEASURES IN CASE OF ACCIDENTAL RELEASES

6.1 Danger for human:	Follow general precautions for safe handling of chemicals. By collecting the scattered product wear protective clothing, gloves, safety glasses and boots.
6.2 Environment protection measures:	Do not allow product to reach in water, groundwater, sewage system or water bodies.
6.3 Cleaning procedure:	Large quantities to steam and pump in containers. Residue collected with absorbent material and remove according to regulations.

7. HANDLIGN AND STORAGE

7.1 Handling:	Follow general precautions for safe handling of chemicals. Avoid contact with skin and eyes. RISK OF FIRE AND EXPLOSION: Risk of fire by drying of water proportion.
7.2 Storage:	Stored in airspace conditions and tightly closed in containers from polyethylene.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

Exposure limit values: /

Exposure controls:

a) Occupational exposure controls:
Precautions for safe handling: Follow general precautions for safe handling of chemicals.
At work with the product not to eat, drink or smoke. Wash hands at the end of the work.
Individual protection precautions:
-Respiratory protection: Not required.
-Hand protection: Protective gloves.
-Eye protection: Tightly-fitting suitable safety goggles.
-Skin protection: Not required.

b) Environmental exposure controls: Non.

9. PHYSICAL AND CHEMICAL ATTRIBUTES

Appearance: Fluid
Smell: Without specific smell
Color: Yellowish to transparent
pH: ca. 6-7 at 20°C
Melting point: ca. 100°C
Density: ca. 1,32 - 1,38 kg/dm³
Water solubility: Soluble

10. DURABILITY AND REACTIVITY

10.1 Conditions that should be avoided: To avoid thermal decomposition do not overheat the product. In the case of drying the water proportion, risk of fire.

Materials to avoid: Strong acids, strong bases, strong oxidizing agents.

Hazardous decompositions products: None by normal use and proper storage.

11. TOXICOLOGICAL INFORMATION

Toxicity: Acute toxicity: Not known.

12. ECOLOGICAL INFORMATION

Toxicity for environment: Under normal conditions of use is not expected hazards for environment.

13. REMOVAL GUIDELINES

Substance/preparation: Handle in accordance with regulations: left to an authorized collector/remover/processor of hazardous waste.

Disposal (waste) pack: Empty contaminated packagings thoroughly and washed. They can be recycled after thorough and proper cleaning. Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

Safety measures: Not classified as dangerous in the meaning of transport regulations. Protect against moisture.

15. LEGALLY PRESCRIBED INFORMATIONS

Labelling: The product does not require special markings in accordance with EC Directive or National legislation.

According to regulations:

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006
- Chemicals Act (official gazette, number 110/2003, 47/2004, 16/2008)
- Rules on the classification, packaging and labelling of dangerous substances (official gazette, number 35/2005, 54/2007)
- Rules on the classification, packaging and labelling of dangerous preparations (official gazette, number 67/2005, 137/2006)
- Decree on waste management (official gazette, number 34/2008)
- Decree on the management of packaging and packaging waste (official gazette, number 84/2006, 106/2006, 110/2007)
- Decision on the publishing of the Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (official gazette, number 9/2007)
- Rules on the protection of workers from risks related to exposure to chemical substances at work (official gazette, number 100/2001, 39/2005, 53/2007)

16. OTHER INFORMATION

Source for safety data sheet:

Safety data sheet is harmonize with annex II Regulation (EC) No 1907/2006.

The above information is based on our knowledge and experience and refer to the product in the state in what is delivered. The purpose of the information is to describe our product in relation to the safety requirements. Entries do not represent assurance the properties of the product in legal terms. Responsibility of the customer's is to know and take into account the legal provisions in relation to transport and use of the product. The characteristics of the product described in the technical information.