

Material Safety data sheet

**Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended
by Commission Regulation (EU) 2015/830 - Europe**

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Trade name:	PLASTOCEM L				
Article number:	924300	Revision date:	14.11.2017.	Version no:	01

1. IDENTIFICATION OF PRODUCT AND MANUFACTURER

1.1.	Product identifier	
	Trade name:	PLASTOCEM L
	Chemical name:	-
	Article number:	-
1.2.	Relevant identified uses of the substance or mixture and uses advised against	
	Application:	Water impermeability additive for mortar
	Used :	PLASTOCEM L dosed 1.5 - 2.0% on the weight of binder (cement and lime). Increased dosage adverse effect on the strength of mortar, because it increases the amount of air inverted, and therefore porous plaster. The production of special cement is metered from 0.06 to 0.08% in weight of the finished product.
	Not used:	-
1.3.	Details of the supplier of the safety data sheet	
	Manufacturer/Supplier:	KUTRILIN d.o.o.
	Address:	Radnička cesta 173 p, 10000 Zagreb, Croatia
	Phone number:	+385(1) 64 60 272
	Fax number:	+385(1) 24 04 554
	e-mail person responsible for MSDS:	bozo.pranjic@kutrilin.hr
	Contact:	-
1.4.	Emergency phone number	
	Phone number:	112
	Phone number for medical information:	01-23-48-342
	Other information:	-
2. HAZARDS IDENTIFICATION		
2.1.	Classification of the substance or mixture	
2.1.1.	Classification according to Regulation (EC) No. 1272/2008	
	-	
2.1.2.	Other information:	
2.2.	Classification according to Regulation (EC) No. 1272/2008	
	Identification :	PLASTOCEM L
	Index number:	-
	Hazard symbol:	-
	Signal word:	-

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	Risk phrases:	-
	Safety phrases:	-
2.3.	Other hazards:	Not applicable

3. COMPOSITIN/ INFORMATION ON INGREDIENTS

Chemical characterization: mixture

Identification name	CAS/EC No.	Reg. No. (Reach)	%	Classification according to: (EC)1272/2008 (CLP)
fatty acid-sodium salt	-	-	<15	Skin Irrit. 2, H315; Eye Irrit. 2, H319

4. First aid measures

4.1.	Description of first aid measures	
	General information:	
	After inhalation:	Evacuate victim to fresh air.
	After skin contact:	Immediately remove contaminated clothing and shoes, and flush the skin surface with water (15-20 minutes). In case of burs seek medical attention.
	After eye contact:	IMMEDIATELY flush eyes with running water for at least 15 minutes. Open the eyelids with clean fingers and rotate the eyeballs to allow the water to reach all the parts of the eye. In case of severe redness consult your ophthalmologist.
	After swallowing:	Rinse your mouth with water and spit it out. Drink two to three glasses of water. Rest and DO NOT INDUCE vomiting! Put the injured person in semi-lying position and then transport to a hospital.
	Remark for person/doctor administering first aid:	Take this document with you when transporting the poisoned person to a hospital.

5. FIREFIGHTING MEASURES

5.1.	Extinguishing media	
	Suitable extinguishing agents:	Not-flammable product; CO ₂ , powder or water spray
	SHOULD NOT BE USED:	Streams of water
5.2.	Special hazard arising from the substance or mixture:	
	Not significant	
5.3.	Advice for fire-fighters:	
	Self-contained breathing apparatus with open, compressed air orifice and fireproof clothing.	
5.4.	Other information	



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	Not significant
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6. ACCIDENTAL RELEASE MEASURES

6.1.	Personal precautions, protective equipment and emergency procedures
	Wear protective equipment. Keep unprotected persons away.
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 materials (sand, diatomite, universal binders). Use neutralizing agent. Dispose contaminated material as waste according to item 13.
6.4.	Reference to other sections
	See Sections 7, 8, 13

7. HANDLING AND STORAGE

7.1.	Handling	
7.1.1.	Precaution measures:	
	Use the product under adequate ventilation conditions due to the possibility of formation of fine fog or aerosol.	
7.1.2.	Instructions for safe handling:	
	Do not smoke, eat or drink in the area with hazardous substance. Do not inhale vapours. Avoid contact with skin or eyes.	
7.2.	Conditions for safe storage, including any incompatibilities	
	Conditions for safe storage:	In original, well-closed containers, dry areas.
	Suitable material for receptacles:	Original container of the manufacturer, PVC, PE, PP
	Requirements to be met by storerooms and receptacles:	Do not store together with oxidizing and acidic materials. Store away from flammable substances.
	Unsuitable materials for receptacles:	Copper/alloys, Zinc, Aluminium, light metals
	Other information:	Decanting in any other type of containers is not allowed.
7.3.	Specific conditions	
		Protect from heat and direct sunlight. Protect from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1.	Control parameters			
	Substances	CAS no.	Limit values	
			Short term value	
			ppm	mg/m ³
	-	-	-	-

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Exposure controls: No further relevant information available	
8.2.	Personal protective equipment
8.2.1.	Personal protective
	Eye protection: Tightly sealed goggles
	Protection of hand: Protective gloves (rubber)
	Body protection: Protective work clothing
	Respiratory protection: Suitable respiratory protective device recommended.
8.2.2.	Ecological control
	Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1.	Information on basic physical and chemical properties		
	Appearance	Value	Method
	Form:	Liquid	
	Colour:	brown	
	Odour (odour threshold):	Characteristic	
	pH (10% in water)	app. 9,5	ISO 4316
	Melting point:	app. 0	
	Boiling point:	Not determined	
	Flash point:	Not determined	
	Decomposition temperature:	Not determined	
	Self-igniting:	Product is not self-igniting	
	Danger of explosion:	Product does not present an explosion hazard	
	Explosion limits: Lower Upper	Not determined	
	Vapour pressure	Not determined	
	Density at 20°C, g/cm ³ :	app. 1,03	DIN 51757
	Vapour density:	Not determined	
	Evaporation date:	Not determined	
	Segregation coefficient (n-octanol/water) (log Pow):	Not determined	

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	Viscosity Dynamic, at 20°C, mPas cinematic:	Not determined	
	Solubility in / miscibility with water at 20°C:	soluble	

9.2.	Other information
	No further relevant information available

10. STABILITY AND REACTIVITY

10.1.	Reactivity:	-
10.2.	Chemical stability:	Reacts with strong acids. Reacts with oxidizing agents.
10.3.	Possibility of hazardous reactions:	In case of fire formation of toxic fumes is possible Nitrogen oxides (NO _x).
10.4.	Conditions to avoid :	Protect against heating up/over heating and freezing.
10.5.	Incompatible materials:	Bases, light metals
10.6.	Hazardous decomposition products:	In case of fire, formation of carbon oxides possible.

11. TOXICOLOGICAL INFORMATION

11.1.	Information on toxicological effects		
11.2.	Acute toxicity:		
	- oral (LD 50):	Not determined	
	- dermal contact(LD50):	Not determined	
	- inhalation (LC50):	Not determined	
11.3.	Chronic toxicity or long-term exposure:		
	- on the eye(LD50):	Not determined	
	-on the skin (LC50):	Not determined	
	-on the mouth (LD50):	Not determined	
11.4.	Primary irritant effects:		
	On the skin :	not significant	
	On the eye:	not significant	
	After inhalation:	not significant	
11.5.	Sensitization		
	Contact with skin:	Not determined	
	After inhalation:	Not determined	
11.6.	Additional information:		
		Not determined	

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11.7.	Other toxicological information	
	Carcinogenic effects	Not determined
	Mutagenic effects <i>in-vitro</i> :	Not determined
	Genetic – toxicological effects:	Not determined
	Mutagenic effects <i>in-vivo</i> :	Not determined
	Mutagenic effect on reproductive:	Not determined
	Reproductive effects:	Not determined

11.8.	Other information:	

12. ECOLOGICAL INFORMATION

12.1.	Toxicity	
	Acquatic toxicity	Not determined
	Organisms in the ground:	Not determined
	- Plants and animal life:	Not determined

12.2.	Persistence and degradability	
	Biodegradability:	Readily biodegradable according to OECD criteria (literature data).
	- Other degradability:	Not determined
	- Degradability in waste water: Not determined	

12.3.	Bio-accumulative potential	
	(BCF)	Not determined

12.4.	Mobility in soil	
	Not determined	

12.5.	Result of PBT and vPvB assessment	
	-Not applicable	

12.6.	Other danger effects	
	Not determined	

13. DISPOSAL CONSIDERATIONS

13.1.	Waste treatment methods	
	Must not be disposed together with household garbage. Do not allow product to reach sewage system.	
13.1.1.	European waste catalogue (EWC)	
	Waste code: 07 01 99; Wastes not otherwise specified	
13.2.	Un-cleaned packaging:	
	Disposal must be made according to official regulations.	

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13.3.	Recommended cleansing agents:
	Water, if necessary together with cleansing agents.
13.4.	Other adverse effects
	No further relevant information available.

14. TRANSPORT INFORMATION

	ADR/RID class : NOT REGULATION
UN Number:	-
UN proper shipping name	-
Danger code (Kemler):	-
Packaging group:	-
Ecological danger:	-
Special regulation for user:	-
Special identification of means of transportation:	

15. REGULATORY INFORMATION

15.1.	Chemical Safety assessment	
	EU Directive	
	Other EU Directives:	Directive (EC) No. 1906/2007 and Directive (EC) No. 1272/2008 Directive (EU) No. 453/2006 Directive (EC) No. 1907/2006 (REACH) Directive (EC) No. 2037/2000 Directive (EC) No. 689/2008 Directive (EC) No. 850/2004 Directive (EC) No. 98/2008 Directive (EC) No. 13/1998
	Local regulations:	Law on Chemicals and relevant Regulations on Classification and Labelling of Chemicals Regulations on Workplace Hazardous Materials Exposure Limits and Biological Limits, Law on waste disposal, Regulations on types of waste, Regulations on packing waste handling and Directive for handling of hazardous waste.
15.2.	Chemical Safety Assessment	
	A Chemical Safety Assessment has not been carried out.	

16. OTHER INFORMATION

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16.1.	Modification to the Edition 01:	New form in accordance with Regulations on preparation of SDS		
16.2.	Abbreviations and acronyms:	CAS	Chemical Abstracts Service	
		EINECS	European Inventory of Existing Commercial Chemical Substances	
		ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
		RID	Regulations Concerning the International Transport of Dangerous Goods by Rail	
		LD ₅₀	Lethal dose, 50%	
		LC ₅₀	Lethal concentrations, 50%	
16.3.	Sources	Literature value		
16.4.	Classification according CLP			
	Classification according CLP:			
16.5.	Relevant phrases			
	H315 Causes skin irritation.			
	H319 Causes serious eye irritation.			
16.6.	Other information:	Data are based on current knowledge and relevant to the supplied product. During use follow instructions printed on the label of product package units.		