

Safety data sheet

according to: 1907/2006, 2020/878

Impregnation for concrete and plaster surfaces

Date: 15.09.2021

Version EN: 3.0



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

1.1. Product identifier Impregnation for concrete and plaster surfaces

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

Identified uses: For impregnation of concrete, gypsum, clinker, etc. inside and outside
Uses advised against: not specified

1.3. Details of the supplier of the safety data sheet

Producer: P.P.H.ALCHEM
ul. Daszyńskiego 17
46-060 Prószków
tel.+48-77-5560686
fax.+48-77-5449794
biuro@al-chem.pl

E-mail address of the person responsible for data sheet: biuro@al-chem.pl

1.4. Emergency telephone number +48-77-5560686 (hours 8.00 – 16.00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

According to Reg. 1272/2008

Mixture is not classified as dangerous.

Human health dangers:

None.

Environmental hazards:

None.

Physic-chemical hazards:

None.

2.2. Label elements

Pictograms:

None

Signal Word:

None

Hazard Statement (H):

None.

Precautionary Statement (P):

P101 – If medical advice is needed, have product container or label at hand.

P102 – Keep out of reach of children.

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

EUH210: Safety data sheet available on request.

EUH208: Contains Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).
May produce an allergic reaction.

2.3. Other hazards

Annex XIII - Criteria for the identification of Persistent, Bioaccumulative and Toxic substances (BBT), and very Persistent and very Bioaccumulative substances (vPvB)- not applicable

Substances with endocrine disrupting properties (in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100(3) or Commission Regulation (EU) 2018/605) – not applicable

Safety data sheet

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous components:

Substance name	contains %	Hazard Class and Category Code(s)	Hazard Statement Code(s) Suppl. Hazard statement Code(s)	- Specific Conc. Limits, - M-factors - ATEs
Reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)* CAS No.: 55965-84-9 EINECS No.: - Index No.: 613-167-00-5 REACH No.: 01-2119489411-37-XXXX	0,00015 - <0,0015	Acute Tox. 2 Acute Tox. 2 Acute Tox. 3 Skin Corr. 1C Eye Dam. 1 Skin Sens. 1A Aquatic Acute 1 Aquatic Chronic 1	H330 H310 H301 H314 H318 H317 H400 H410 EUH071	Skin Corr. 1C; H314: C ≥ 0,6 % Skin Irrit. 2; H315: 0,06 % ≤ C < 0,6 % Eye Dam. 1; H318: C ≥ 0,6 % H318 H317 Eye Irrit. 2; H319: 0,06 % ≤ C < 0,6 % Skin Sens. 1 A; H317: C ≥ 0,0015 % M=100 M=100

Full text of H-phrases in Section 16

*Substance for which workplace exposure limits are available

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact

Remove contaminated clothing. Wash contaminated skin with soap and water, rinse thoroughly with water, in case of irritation, redness, consult your doctor.

Eye contact

Rinse with plenty water (15min). Avoid strong water jet because of the danger of damage to the cornea. Consult your doctor.

Inhalation

Move to fresh air. Consult a physician if any symptoms develop and persist.

Ingestion

Do not induce vomiting. Rinse mouth with water. Consult your doctor.

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

No information available.

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

The decision about how to proceed is made by the doctor after a thorough assessment of the victim.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Powder, water spray, alcohol resistance foam. Use appropriate extinguishing method for conditions.

Unsuitable extinguishing media: Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

None

Safety data sheet

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5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

Should not remain in areas without adequate fire-resistant clothing, breathing apparatus. Do not allowed to enter the extinguishing water into surface water, groundwater and wastewater. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: to notify the appropriate service. Remove from the threats all person who does not participate in the removal of failure.

For emergency responders: Ensure adequate ventilation, use suitable protective equipment (including personal protective equipment referred to under section 8 of the safety data sheet).

6.2. Environmental precautions

Do not discharge into the drains/surface water/groundwater.

6.3. Methods and material for containment and cleaning up

Spills on the floor or other impervious surface should be absorber onto an absorptive material such as sand, earth, vermiculite. Collect the contaminated absorbent in suitable containers.

6.4. Reference to other sections

Disposal considerations – see section 13.

Personal precautions – see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin.

Work in accordance with the principles of safety and hygiene: Do not eat, drink and smoke at work, wash your hands after use, remove contaminated clothing and protective equipment before entering places for meals.

7.2. Conditions for safe storage, including any incompatibilities

The product stored in a cool, dry, well ventilated room, in the tightly closed container.

Protect from direct sunlight, heat, open flame.

7.3. Specific end use(s)

See section 1.2. - no additional recommendations

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits:

Substance	Kathon - mixture (3:1) (5-Chloro-2-methyl-2,3-dihydroisothiazol-3 one and 2-Methyl-2,3-dihydroisothiazol-3 one)			
CAS No.	55965-84-9 26172-55-4 2682-20-4			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Austria		0,05		
Germany (DFG)		0,2 (1)		0,4 (1)(2)
Switzerland		0,2 (1)		0,4 (1)
	Remarks			
Germany (DFG)	(1) Inhalable fraction (2) 15 minutes average value			
Switzerland	(1) inhalable fraction			

Safety data sheet

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Version EN: 3.0



8.2. Exposure controls

Appropriate engineering controls: Use in well-ventilated rooms.

Individual protection measures, such as personal protective equipment:

Personal protective equipment should be selected according to the hazards at the workplace.

Eye / face protection:

If there is a risk of contact with the eyes use goggles or a protective face mask (according to EN 166).

Skin protection

Hand protection:

Protective gloves is recommended. It is recommended to use protective gloves resistant to chemicals in accordance with EN-PN 374:2005.

Recommended materials: natural rubber, PVA.

The selection of suitable gloves does not only depend on the material, but also on the brand and quality resulting from differences in manufacturers. Resistance of the material, the glove can be determined after the tests. The exact time of the destruction of the protective gloves must be determined by the manufacturer.

Other:

Protective clothing - clean regularly.

Respiratory protection:

Not required.

Thermal hazards

Not applicable.

Environmental exposure controls

Not allowed to spread in the environment and run-off into drains and watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a)	Physical state	Liquid
b)	Colour	White
c)	Odour	Characteristic
d)	Melting point/freezing point (Does not apply to gases)	No date available
e)	Boiling point or initial boiling point and boiling range	No date available
f)	Flammability (Applies to gases, liquids and solids)	Not flammable
g)	Lower and upper explosion limit (Do not apply to solids)	No date available
h)	Flash point (Does not apply to gases, aerosols and solids)	No date available
i)	Auto-ignition temperature (Only applies to gases and liquids)	No date available
j)	Decomposition temperature (Only applies to self-reactive substances and mixtures, organic peroxides, and other substances and mixtures that may decompose)	Not applicable
k)	pH (Does not apply to gases)	6 – 7

Safety data sheet

according to: 1907/2006, 2020/878

Impregnation for concrete and plaster surfaces

Date: 15.09.2021

Version EN: 3.0



l)	Kinematic viscosity (Only applies to liquids)	No date available
m)	Solubility	No date available
n)	Partition coefficient n-octanol/water (log value)	Not applicable - mixture
o)	Vapour pressure	No date available
p)	Density and/or relative density (Only apply to liquids and solids)	App. 1g/cm ³
q)	Relative vapour density (Only applies to gases and liquids)	No date available
r)	Particle characteristics (Only apply to solids)	Not applicable

9.2. Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Mixture is not reactive.

10.2. Chemical stability

Under normal circumstances the product is stable.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Avoid heat, direct sunlight, hot surfaces and open flames.

10.5. Incompatible materials

None.

10.6. Hazardous decomposition products

No decomposition under recommended conditions of use and storage.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

a)	Acute toxicity	Based on the available data, the classification criteria are not met
b)	Skin corrosion/irritation	Based on the available data, the classification criteria are not met
c)	Serious eye damage/irritation	Based on the available data, the classification criteria are not met
d)	Respiratory or skin sensitization	Based on the available data, the classification criteria are not met
e)	Germ cell mutagenicity	Based on the available data, the classification criteria are not met
f)	Carcinogenicity	Based on the available data, the classification criteria are not met
g)	Reproductive toxicity	Based on the available data, the classification criteria are not met
h)	STOT-single exposure	Based on the available data, the classification criteria are not met

Safety data sheet

according to: 1907/2006, 2020/878

Impregnation for concrete and plaster surfaces

Date: 15.09.2021

Version EN: 3.0



i)	STOT-repeated exposure	Based on the available data, the classification criteria are not met
j)	Aspiration hazard	Based on the available data, the classification criteria are not met

11.2. Information on other hazards

Endocrine disrupting properties

None.

SECTION 12: Ecological information

12.1. Toxicity

Mixture is not classified as dangerous to the environment.
Do not allow product to reach surface water drains and watercourses.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No substances meeting PBT and vPvB criteria.

12.6. Endocrine disrupting properties

No substances with endocrine disrupting properties.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product: Dispose of in accordance with local regulations.
Recommendations for used packaging: Recycle / dispose of packaging waste in accordance with applicable regulations.

Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives

SECTION 14: Transport information

ADR/RID/IMDG/ICAO:

14.1. UN number or ID number

not classified as dangerous

14.2. UN proper shipping name

not classified as dangerous

14.3. Transport hazard class(es)

not classified as dangerous

14.4. Packing group

not classified as dangerous

Safety data sheet

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14.5. Environmental hazards

not classified as dangerous

14.6. Special precautions for user

not classified as dangerous

14.7. Maritime transport in bulk according to IMO instruments

not classified as dangerous

SECTION 15: Regulatory information

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

EU REGULATIONS:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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.
2. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
3. 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).
4. Directive 2008/98/EC Of The European Parliament And Of The Council of 19 November 2008 on waste and repealing certain Directives

15.2. Chemical safety assessment

No chemical safety assessments for the mixture.

- List of substances subject to authorization (REACH; Annex XIV): not applicable

- Candidate list of SVHCs: not applicable

- Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (REACH; Annex XVII): not applicable

SECTION 16: Other information

Abbreviations and acronyms, list of relevant hazard statements used in the safety data sheet:

H301 – Toxic if swallowed

H310 – Fatal in contact with skin.

H314 – Causes severe skin burns and eye damage

H315 – Causes skin irritation

H317 – May cause an allergic skin reaction

H318 – Causes serious eye damage

H319 – Causes serious eye irritation

H330 – Fatal if inhaled

H400 – Very toxic to aquatic life

H410 – Very toxic to aquatic life with long lasting effects

EUH071 – Corrosive to the respiratory tract

Acute Tox. 2 – Acute toxicity cat. 2

Acute Tox. 3 – Acute toxicity cat. 3

Skin Corr. 1C – Skin corrosion cat. 1C

Eye Dam. 1 – Serious eye damage cat. 1

Skin Sens. 1A – skin sensitization cat. 1A

Skin Irrit. 2 – Skin irritation cat. 2

Eye Irrit. 2 – Eye irritation cat. 2

Safety data sheet

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Impregnation for concrete and plaster surfaces

Date: 15.09.2021

Version EN: 3.0



Aquatic Acute 1 – Hazardous to the aquatic environment cat. 1
Aquatic Chronic 1 – Hazardous to the aquatic environment cat. 1
PBT – Persistent, Bioaccumulative and Toxic
vPvB – very Persistent and very Bioaccumulative
ADR – International Carriage of Dangerous Goods by Road
RID – International Carriage of Dangerous Goods by Rail
IMDG – International Maritime Dangerous Goods
ICAO – Safe Transport of Dangerous Goods by Air

Classification procedure:

Product is not classified as dangerous.

Changes to the previous version

Section	Changes
Section 2	Change of labelling
Section 3	Change of the composition
Sections: 2, 3, 9, 11, 12, 14	Change in accordance with Reg. 2020/878

Training:

Not required.

RESOURCES

Annex to Regulation (EU) 2020/878.

Current legislation (Section 15).

Information Agency for Chemical Substances.

The information in this MSDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this MSDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

The SDS was created by SPIN-DORADZTWO www.spin-doradztwo.pl for P.P.H.ALCHEM