

MP 75 Aqua

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Issue date: 2025/10/10 Revision date: 2025/10/10 Version: 1.0



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product ID

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Gypsum plaster for humid areas

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

Main use category: Industrial/Professional use

Use of the substance/mixture: Gypsum-based plaster with hydrophobic properties

Function or use category: machine-applied plaster for walls and ceilings, moisture-resistant.

1.3. Details of the supplier of the safety data sheet

Name: Knauf Radika AD

Address: 8 – Septemvri, bb

NMK– 1250 Debar

North Macedonia

T +389 46 839 200 – F +389 46 831 650

E-mail address of competent person responsible for the SDS:

info-mk@knauf.com

1.4. Emergency telephone number

Hotline for symptoms of poisoning and embryonic toxicology,
Skopje Tel +389 2 31 47 635

112 (Europe) open 24 hours a day, 7 days a week.

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture.

Classification of the mixture according to the criteria of Regulation (EC) No 1272/2008

(CLP): Skin Irrit.2, H315

Eye Dam.1, H318,

2.2. Signage elements

according to Regulation 1272/2008/ (CLP):



Signal word: Danger

Contains: Calcium hydroxide

Safety tips:

H315 - Irritates the skin.

H318 - Causes serious eye damage.

Warnings:

P102 - Keep out of reach of children.

P280 - Wear protective gloves, eye protection, and protective clothing..

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

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

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SE 2: HAZARD IDENTIFICATION

P313 - Seek medical advice or treatment.

P362 - Remove contaminated clothing.

2.3. Other threats.

They are unknown.

Results of PBT and vPvB assessment in accordance with Annex XIII.:

PBT – not applicable

vPvB – not applicable

The mixture does not contain a substance with endocrine disrupting properties included in the list established in accordance with Article 59(1) of the REACH Regulation or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or in Commission Regulation (EU) 2018/605 in a concentration equal to or greater than 0.1% w/w.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

A mixture containing inorganic substances: calcium sulfate and in various proportions: calcium hydroxide, calcium carbonate, quartz sand; and organic additives that modify setting times, water retention and workability

Name	Nr CAS	Content % by weight	REACH registration number	Classification in accordance with the criteria of Regulation (EC) No. 1272/2008
Calcium hydroxide	1305-62-0	< 5%	01-2119475151-45-0076	Manufacturer's classification Eye Dam.1; H318 Skin Irrit.2; H315 Danger STOT SE 3; H335

Section 16 gives the meaning of H phrases and warning symbols and hazard categories and classes.

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid measures

Inhalation

The product is not classified as hazardous by inhalation. However, in the event of exposure to excessive dust concentrations, immediately remove the affected person to fresh air. Provide warmth, rest, and conditions for rest. Seek medical advice if respiratory distress occurs or irritation persists.

Skin contact

Immediately wash skin contaminated with the product with water, removing contaminated clothing and shoes.

Wash contaminated clothing thoroughly before reuse. Seek medical advice if any symptoms persist, such as skin irritation.

Eye contact

With eyelids rolled up, immediately flush eyes with plenty of clean running water (rinse for at least 15 minutes). In the meantime, remove contact lenses, if present and easy to do. If any symptoms persist, seek medical advice and show this safety data sheet.

Ingestion

Rinse mouth and throat with water. Do not induce vomiting unless directed by a physician. If spontaneous vomiting occurs, keep head low to prevent aspiration.

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SECTION 4: FIRST AID MEASURES

and aspiration of stomach contents into the lungs. Seek medical attention (show the safety data sheet if possible) if any symptoms persist.

4.2. Most important acute and delayed symptoms and effects of exposure (potential health effects)

Effects of acute exposure:

None known. See also section 11.

Effects of chronic exposure:

None known. See also section 11.

4.3. Indications for any immediate medical attention and special treatment of the injured person

General recommendations

Immediately

remove contaminated clothing and shoes. Avoid contact with eyes and skin. If you feel unwell, seek medical advice and provide the product's safety data sheet, if available.

Tips for the doctor

Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:

The product is not flammable. Extinguish fires with commonly used extinguishing media, depending on the surroundings and burning materials.

Unsuitable extinguishing media:

Depending on the surroundings and burning materials.

5.2. Special hazards arising from the substance or mixture

During a fire or thermal decomposition, calcium oxides are produced at temperatures above 1200°C. Do not inhale fumes and gases produced during a fire.

5.3. Information for the fire brigade

Depending on the severity of the fire, wear self-contained breathing apparatus and protective equipment.

This product is not flammable

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Prevent unauthorized access to the contaminated area.

For emergency personnel: Wear recommended personal protective equipment (see Section 8).

Mark the affected area. Avoid contact with eyes and skin.

6.2. Environmental precautions

Do not allow the product to enter sewers, drains, ditches, or watercourses. Notify the appropriate authorities in the event of environmental contamination.

6.3. Methods and materials to prevent the spread of contamination and to remove contamination

Avoiding the generation of product dust, collect the released product mechanically into a marked waste container.

Dispose of waste in accordance with the recommendations in section 13. Wash contaminated areas with water

6.4. References to other sections

Protective equipment and clothing - see section 8

Waste disposal - see section 13

SECTION 7: HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

7.1. Precautions for safe handling

Immediately remove contaminated clothing and wash it before reuse. Avoid contact with eyes, skin, and clothing. Do not eat, drink, or smoke when working with this product. Do not store food or beverages in the workplace.

Wash hands before and after each work break. Wear appropriate personal protective equipment – see Section 8.

Fire and explosion protection information:

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SECTION 7: HANDLING AND STORAGE OF SUBSTANCES AND MIXTURES

The product is not flammable. No special recommendations.

7.2. Conditions for safe storage, including information on any incompatibilities

Store in dry rooms on wooden racks, avoid contact with water, protect from moisture.

Storage period: indicated on the packaging (pictogram with the maximum number of months)

Do not store near heat sources. Do not store with food, beverages, or feed.

7.3. Specific end use(s)

No information on specific end uses available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

The highest permissible concentration in the work environment in accordance with applicable national regulations - Regulation of the Minister of Labor and Social Policy Off.Gaz.MKD 46/2010 on the highest permissible concentrations and intensities of factors harmful to health in the work environment:

Name and CAS number of the chemical substance	Fraction	Maximum permissible concentration (in mg/m ³) depending on the exposure time during a work shift		
		IOEL TWA	IOEL STEL	CL
Calcium hydroxide [1305-62-0]	Inhalable	2	6	-
	Respirable	1	4	-
Calcium Carbonate [471-34-1]	Inhalable	10	-	-
Quartz (fine-grained fraction) [14808-60-7]	Respirable	0,1	-	-
Calcium sulfate (gypsum) [7778-18-9]	Inhalable	10	-	-
Dusts not classified for toxicity [-]	Inhalable	10	-	-

DNEL values of substances – product components in conditions of acute and chronic exposure:

Data for calcium hydroxide (CAS: 1305-62-0)

Route of exposure	Acute (short-term) exposure		Chronic (long-term) exposure	
	Systemic effects	Local effects	Systemic effects	Local effects
Alimentary tract	Not applicable	Not applicable	Not applicable	Not applicable
Skin	Not applicable	Not applicable	Not applicable	Not applicable
Respiratory tract (inhalation)	Not applicable	4 mg/m ³	Not applicable	1 mg/m ³

PNEC values of substances – product components for the aquatic environment and biological sewage treatment plants: Data for calcium hydroxide (CAS: 1305-62-0)

Environmental compartment/exposure mode	Concentration	Environmental compartment	Concentration in mg/l of water
Sewage treatment plants	3 mg/l	Freshwater	0,49 mg/l
Soils	1 080 mg/kg	Sea waters	0,32 mg/l
Intermittent exposure	0,49 mg/l	Sediment (freshwater)	Not applicable
Alimentary tract	Not applicable	Sediment (sea water)	Not applicable

Exposure Control

A - General health and safety measures in the workplace.

It is recommended to use protective clothing and personal protective equipment with CE marking.

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B. Respiratory protection

Pictogram	PPE	Marking	CEN (European) standard	Comments
 Mandatory use of masks	Filter mask with dust collector		EN 149:2001 + A1:2009	Replace if breathing becomes difficult





C - Hand protection:

Pictogram	PPE	Marking	CEN (European) standard	Comments
 Hand protection obligation	Disposable gloves		EN 374-1:2003 EN 374-3:2003/AC:2006 EN 420:2003+A1:2009	Replace if any damage occurs



D - Eye and face protection:

Pictogram	PPE	Marking	CEN (European) standard	Comments
 Obligation to wear face protection	Panoramic glasses that protect against dust		EN 166:2001 EN 172:1994/A1:2000 EN 172:1994/A2:2001 EN 165:2005	Clean daily and disinfect regularly according to the manufacturer's recommendations.

E - Body protection:

Pictogram	PPE	Marking	CEN (European) standard	Comments
	Work clothes		EN 340:2003	For professional use only
	Non-slip shoes		EN ISO 20347:2004/A1:2007 EN ISO 20344:2011	None

F - Additional emergency protection measures:

Emergency measures	Standards	Emergency measures	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2002	 Eye washes	DIN 12 899 ISO 3864-1:2002

General recommendations:

Store away from food, drink, and feed. Remove contaminated clothing immediately. Wash hands before and after each break. Wash contaminated gloves before removing them. Avoid contact with eyes and skin.

Environmental exposure controls:

Do not allow the product or its packaging to be released into the environment, or to enter sewers or waterways..

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties.

Physical state:	Solid
Color:	beige-grey.
Odour I:	odourless.
Melting/freezing point:	Not determined for the mixture

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Boiling point or initial boiling point and boiling range:	Not applicable - solid
Flammability of materials:	Non-flammable
Lower and upper explosive limits:	Not applicable - solid - non-flammable, non-explosive
Flash-point:	Non-flammable substance
Autoignition temperature:	Not applicable - solid
Decomposition temperature:	Not determined for the mixture
pH	≈ 11,5 (10 – 12) Suspension
Kinematic viscosity:	Not applicable - solid
Solubility (in water):	1844.9 [mg/dm ³]; 20 °C; for calcium hydroxide About 2.4 [g/dm ³] for calcium sulfate
Partition coefficient: n-octanol/water (log coefficient value):	Does not apply to inorganic substances, in accordance with Annex VII, point 7.8 of the REACH Regulation
Vapor pressure:	Not applicable - solid
Density or relative density::	800-1100 [g/dm ³]
Relative vapor density:	Not applicable - solid
Particle characteristics:	0,0 – 2,0 [mm]

9.2. Other information

Lack.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

10.2. The product is non-reactive when used and stored as recommended. See section 7.

Chemical stability

The product is stable under recommended storage and use conditions..

Possibility of hazardous reactions

They are not known under conditions of use and storage as recommended.

Conditions to avoid:

Mechanical stimuli (shocks, friction)	Air	Warm	sunshine	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Avoid moisture

10.3. Use and store at room temperature. Avoid contact with water and moisture during storage.

10.4. Incompatible Materials

Acids	Water	Oxidants	Flammable materials	Other
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Hazardous decomposition products

They do not occur under standard conditions of storage and use.

SECTION 11: TOXICOLOGICAL INFORMATION

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

11.1.1. Substance.

Not applicable.

11.1.2. Mixtures.

Important hazard class.

a) Acute toxicity

There are no experimental data available for this product.

The mixture is not classified as hazardous under conditions of acute exposure by ingestion, skin contact, or inhalation..

Calcium hydroxide (1305-62-0)	
LD50 oral, rat	> 2000 mg/kg bodyweight (OECD 425: Acute Oral Toxicity: Up-and-Down Procedure, Rat, Female, Experimental value, Oral, 14 day(s))
LD50 skin, rabbit	> 2500 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))

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SECTION 11: TOXICOLOGICAL INFORMATION

LC50 Inhalation - Rat	> 6,04 mg/l (OECD 436, 4 g, Rat, Male / female, Value experimental, Inhalation (dust), 15 day(s))
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b) Skin corrosion/irritation

Irritates the skin.

c) Serious eye damage/eye irritation

Causes serious eye damage.

d) Respiratory or skin sensitization

There is no data available for this product. The mixture is not classified as hazardous in this class

e) Mutagenic effect on reproductive cells

There is no data available for this product. The mixture is not classified as hazardous in this class

f) Carcinogenic effect

There is no data available for this product. The mixture is not classified as hazardous in this class

g) Reproductive toxicity

There is no data available for this product. The mixture is not classified as hazardous in this class

h) Specific target organ toxicity – single exposure:

There is no data available for this product. The mixture is not classified as hazardous in this class

i) Specific target organ toxicity – repeated exposure: There is no data available for this product. The mixture is not classified as hazardous in this class

j) Aspiration hazard:

There is no data available for this product. The mixture is not classified as hazardous in this class

11.2 Information about other threats

Endocrine disrupting properties – none Other information – no data available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Acute aquatic toxicity

There is no data available for this product. The product is not classified as environmentally hazardous.

Calcium hydroxide (1305-62-0)	
LC50 - Fish	50.6 mg/l (OECD 203, 96 g, Oncorhynchus mykiss, Static system, Freshwater, Experimental value, Lethal)
EC50 - Crabs	49.1 mg/l (OECD 202, 48 g, Daphnia magna, Static system, Freshwater, Experimental value, Effect on movement)
EC50 72h - Algae	184.57 mg/l (OECD 201, Pseudokirchneriella subcapitata, Static system, Freshwater, Experimental value, Growth rate)

Persistence and degradability

Not applicable.

12.1. Bioaccumulative potential

There is no data for the product.

12.2. Mobility in soil

There is no data for the product.

12.3. Results of PBT and vPvB assessment

Not applicable

12.4. Endocrine disrupting properties - not applicable. The product does not contain substances that disrupt the functioning of the endocrine system.

12.5. Other adverse effects – no data available for the product.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste disposal methods

Product waste handling.

Do not dispose of into sewers, drains, ditches, or waterways. Product waste and its packaging should be disposed of by authorized companies. Dispose of in accordance with applicable regulations.

Regulation of the Minister Environment NMK (Journal of Laws of 216/2020).

Directive 2006/12/EC of the European Parliament and of the Council of 5 April 2006 on waste (OJ EU L 2006, item 114.9)

Directive 2006/12/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives (OJ EU L 2008, item 312.3)

Commission Decision of 3 May 2000 replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous wastes pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste (OJ EU L 2000, 226.3)

SECTION 14: TRANSPORT INFORMATION

- 14.1. UN number or ID number: Not applicable, not classified.
- 14.2. UN proper shipping name: Not applicable, not classified.
- 14.3. Transport hazard class(es): Not applicable, not classified.
- 14.4. Packing group: Not applicable, not classified.
- 14.5. Environmental hazards: Not applicable.
- 14.6. Special precautions for user: Not applicable.
- 14.7. Sea transport in bulk in accordance with IMO instruments: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations specific to the substance and mixture

Does not contain substances subject to restrictions in Annex XVII of the REACH Regulation
Does not contain substances from the REACH candidate list
Does not contain substances listed in Annex XIV of the REACH Regulation

15.2. Chemical safety assessment

No chemical safety assessment has been conducted for this mixture. A chemical safety assessment is not required for this product under the REACH Regulation.

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SECTION 16: OTHER INFORMATION

Indication of changes

Section	Changed item	Change	Comments
	Regulatory framework	Modified	

Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Knauf SDS EU (REACH Annex II)