

Safety Data Sheet

in accordance with REACH Regulation (EC) 1907/2006 as amended by Regulation (EU) 2020/878 Reference number: SDS-100124-1 Release date: 1/10/2024 Version: 1.0

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

1.1. Product ID

Product Shape : Mixture

: Gypsum Hand Perlite Plaster - Hand plaster Product Name

1.2. Relevant uses of the substance or mixture identified and non-recommended uses

1.2.1. Identified uses

Main category of use : Professional Use, Industrial Use

Use of the substance/mixture : It is used as a construction plaster for fiber-reinforced gypsum elements such as plasterboard

plaster. (TS EN13279-1 C1/8)

It is used as a light mixed plaster for buildings as a pearlite plaster. (Applied by hand) (TS EN

It is used as a finely applicable plaster as a finishing plaster. (TS EN 13279 1 C6/

It is used as a machine plaster and as a light plaster for buildings. (Spray plaster) (TS EN 13279-1-

B4/50/2)

It is used as a joint component for gypsum board boards as a putty plaster for gypsum plaster joints.

(3B TS EN 13963)

Adhesive for drywall thinner applied plaster. (TS EN 14496) It is used directly in the building as a construction plaster. (A1)

1.2.2. Uses that are not recommended

No additional information available

1.3. Details of the safety data sheet provider

Manufacturer

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Importer: Ada Color Ltd. 176 Brezovsko Shose Street, 4003 Plovdiv, Bulgaria,

Mobile: +359896663052, Tel: +35932940456, Fax: +35932940457, web: adacolor-bg.com

1.4. Emergency telephone number

Country	Organization/Company	Address	Emergency phone number	Comment
Bulgaria	National Toxicological Information Center General Hospital for Active Care Treatment and Emergency Medicine "N.I. Pirogov"	Bull. Gene. Eduard I. Totleben 21 1606 Sofia	+359 2 9154 233	The phone is active 24/7 and calling it is free of charge

SECTION 2: Description of hazards

2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 [CLP]

Serious eye damage/irritation, Category 1 For the full text of the H- and EUH hazard statements: see Section 16

Adverse physicochemical effects and adverse effects on human health and the environment

It causes serious eye damage.

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2.2. Label elements

Labelling in accordance with Regulation (EC) No 1272/2008 [CLP]

Hazard Pictograms (CLP)



Signal Word (CLP) :Dangerous

Contains : Calcium dihydroxide

Hazard Warnings (CLP) : H318 - Causes serious eye damage.

Safety Recommendations (CLP) : P280 - Use safety gloves, protective clothing, safety goggles, safety

face mask.

 $P305+P351+P338+P310 - IN\ CASE\ OF\ CONTACT\ WITH\ EYES: rinse\ gently\ with\ water\ for\ several\ minutes.\ Remove\ contact\ lenses,\ if\ any,\ and\ as\ much\ as\ possible.\ Continue\ rinsing.$

Immediately call a doctor at the TOXICOLOGY CENTER.

2.3. Other hazards

Other hazards that do not lead to classification : Gypsum powder ca

: Gypsum powder can disrupt the skin, eyes, and respiratory tract.

Does not contain PBT and/or vPvB substances ≥ 0,1% assessed in accordance with REACH, Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1)(1) of REACH for the possession of endocrine-disrupting properties or which have not been found to have endocrine-disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 in concentration, equal to or greater than 0,1 % by weight.

SECTION 3: Composition/Ingredient Information

3.1. Substances

Not applicable

3.2. Mixtures

Comments

: The mixture contains calcium sulfate hemihydrate, calcite, water retainers (cellulose), retarders (acids). Gypsum and machine plaster contain additionally expanded perlite.

A mixture of calcium sulfate hemihydrate (CaSO4+1/2 H₂O) and minerals.

Name	Product ID	%	Classification in accordance with Regulation (EC) No 1272/2008 [CLP]
Calcium dihydroxide	CAS No: 1305-62-0 EO No: 215-137-3	< 8	Skin irritation. 2, H315 Eye Dam. 1, H318 TOT SE 3, H335

For the full text of the H- and EUH hazard statements: see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First aid - general measures : In all cases of doubt or when symptoms persist, seek medical attention

help.

First aid for inhalation : Take your face out into the fresh air and place it in a position that facilitates breathing.

First aid for skin contact : Wash the skin thoroughly with water.

First aid for eye contact : Rinse gently with water for several minutes. Remove contact lenses,

if there are any, and as far as possible. Continue rinsing. Call a doctor immediately.

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First aid for ingestion

: Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a poison center or doctor if you feel unwell.

4.2. The most significant acute symptoms and effects occurring after a certain period of time

Symptoms/effects after eye contact : Serious eye damage.

4.3. Indication of the need for any emergency medical care and special treatment

To be treated symptomatically.

SECTION 5: Fire Prevention Measures

5.1. Fire extinguishing equipment

Suitable fire extinguishers : Water spray. dry chemical powder, foam resistant to alcohols, carbon dioxide (CO2).

Unsuitable fire extinguishers : Do not use a dense stream of water, as it may scatter and spread fire.

5.2. Particular hazards arising from the substance or mixture

Fire hazard : Fire hazard in contact with combustible materials. Fire resistant (A1 class).

Explosion hazard : Risk of explosion when heated in a confined space.

Hazardous decay products in the event of fire : When heated or during combustion. Toxic fumes may be released.

5.3. Tips for firefighters

Fire protection measures : Keep away from combustible materials. Keep the package closed when not

Use. Approach from the wind.

Instructions for extinguishing fires : Be careful in the fight against chemical fires. To keep against the wind. Do not enter fire areas

without protective equipment, incl. and respiratory protective equipment.

Remove all ignition sources if safe. Limit fire extinguishing

liquids by closure.

Fire extinguishing protection : Do not attempt to take action without proper protective equipment. Autonomous and

an isolating apparatus for respiratory protection. Full protective clothing.

Other information : Do not allow fire extinguishing leaks to enter drains or water bodies. Notify the authorities if the

product ends up in sewers or public water bodies. The products of decomposition at high

temperature are harmful if inhaled.

Inhaling fumes can cause breathing difficulties.

SECTION 6: Emergency release measures

6.1. Personal protective measures, protective equipment and emergency procedures

General measures : People should stay away from the danger zone.

6.1.1. For non-emergency staff

Protective equipment : For more information, see section 8: "Exposure control/personal protective equipment

means".

Emergency plans : Ventilate the spill area. Do not touch or walk on the spilled product. Notify the fire department and

the authorities responsible for the environment. Avoid skin contact and

Eves.

Measures in case of dust : In case of risk of dust formation. Anti-dust mask. Safety goggles. Dustproof clothing.

6.1.2. For those responsible for emergencies

Protective equipment : Do not attempt to take action without proper protective equipment. For more

information, see section 8: "Exposure control/personal protective equipment".

Emergency plans : Eliminate unnecessary staff. Provide appropriate protective equipment to cleaning teams. Stop the

leak if it is safe. Prevent it from entering sewers, basements and work pits or any place where its

accumulation can be

Dangerous.

6.2. Environmental precautions

Avoid release into the environment.

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6.3. Containment and cleaning methods and materials

For retention : Do not touch or walk on the spilled product.

Cleaning methods : The spilled material should be absorbed as quickly as possible with inert solids, such as clay or

inferential earth. Take mechanical (sweeping, scooping) and collect in a suitable container for

disposal. Notify the authorities if the product gets into sewers or public water bodies.

Other information : Dispose of materials or solid residues in an authorized location.

6.4. Reference to other sections

For personal protective equipment to use, see section 8. For elimination of disposal after cleaning, see section 13.

SECTION 7: Operation and Storage

7.1. Precautions for safe operation

Precautions for safe operation : Ensure good ventilation in the workplace. Wear personal protective equipment. To

avoids contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using the product. Always wash hands after handling the product.

7.2. Safe storage conditions, including incompatibilities

Terms of storage : Store only in the original container in a cool and well-ventilated place.

Incompatible products : Strong heartburn. Strong foundations. Strong oxidizing agents.

Incompatible materials : Extremely high or extremely low temperatures.

Heat and ignition sources : Keep away from heat and direct sunlight. Store in a place protected from

sources of combustion.

Co-Storage Information : Keep away from food and drink, including animal feed.

Storage space : Store, if possible, in a cool, well-ventilated place, away from incompatible

materials.

Special packing rules : The load capacity of the forklift must be sufficient and the forklift operator must be licensed and

experienced (class G driver's license).

The products should be arranged in a dry place and so that they do not tip over (the height of the

per stack should not exceed 3 meters).

7.3. Specific end-use(s)

See section 1.2.

SECTION 8: Exposure control/personal protective equipment

8.1. Control parameters

8.1.1 National occupational exposure limit values and biological limit values

Calcium Dihydroxide (1305-62-0)	
Bulgaria - Boundaries of professional exposition	
Local name	Calcium dihydroxide
OEL TWA	1 mg/m³ (Respirable fraction)
OEL STEL	4 mg/m³ (Respirable fraction)
Zabelezhka	• (Chemical agents for which limit values have been set in the air of the working environment for the European Community)
Reference to the legal framework	Ordinance No. 13 of 30.12.2003 on the Protection of Workers from Risks Related to Exposure to Chemical Agents at Work (amended and supplemented, SG No. 47/2021, in force from 04.06.2021)

8.1.2. Recommended Monitoring Procedures

No additional information available

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8.1.3. Air pollutants are formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure control

8.2.1. Appropriate engineering control

Appropriate Engineering Control:

Ensure good ventilation in the workplace.

8.2.2. Personal protective equipment

Personal protective equipment:

Mandatory use of respiratory protective equipment. Protective clothing.

Personal protective equipment symbol(s):



Eve protection:

Safety glasses. Use safety glasses if there is a risk of contact with eyes through splashing. In case of dust emitting: wear protective goggles

8.2.2.2. Skin protection

Skin and body protection:

According to the conditions of use, protective gloves, an apron, boots, as well as head and face protection should be worn

Hand protection:

Protective gloves. Choosing the right glove is a decision that depends not only on the type of material, but also on other quality characteristics that are different for each manufacturer. The puncture time of the selected gloves should be longer than the intended period of use. Gloves should be changed after each use and when signs of wear or perforation appear

8.2.2.3. Respiratory protection

Respiratory tract protection:

In case of insufficient ventilation, wear a suitable breathing apparatus. Avoid inhaling particles by wearing a dust mask (minimum FFP3 or FFP2)

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure control

Environmental Exposure Control:

Avoid release into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Colour : According to the product specification.

Appearance : Dust.
Smell : without miris.
The Limit of Smell : Not available
Melting point : Not available
Freezing point : Not applicable
Tochka on a kipen : Not available

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Zapalimost: UnignitedLower limit of explosiveness: Not applicableUpper limit of explosiveness: Not applicableFlaming temperature: Not applicableSelf-ignition temperature: Not applicableDecomposition temperature: Not available

pH : (Perlite plaster and putty are basic, the rest of the products are neutral.)

pH Dissolution : Not available
Viscosity, kinematic : Not applicable
Solubility : Not available
Partition coefficient: n-octanol/water (Log : Not available

Kow)

Vapor pressure : Not available
Vapor pressure at 50°C : Not available
Density : Not available
Relative Density : Not available
Relative vapour density at 20°C : Not applicable
Particle size : Not available

9.2. Other Information

9.2.1. Information relating to physical hazard classes

No additional information available

9.2.2. Other safety features

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

It is stable in dry environments. Environments that cause liquid weight harden the material. It is a stable product that does not react with the building materials it is used with.

10.3. Possibility of hazardous reactions

No dangerous reactions are known under normal conditions of use.

10.4. Conditions to be avoided

Not under the recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decay products

It decomposes into calcium oxide and sulfur dioxide above 1450 °C. Limestone decomposes into calcium oxide and sulfur dioxide above 800 °C.

SECTION 11: Toxicological information

11.1. Information on the hazard classes set out in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Not classified (Based on the available data, the criteria for

classification)

Acute toxicity (dermal) : Not classified (Not classified (Based on the available data, the criteria for

classification)

Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

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Calcium carbonate (1317-65-3)	
LD50 Oral Rat	> 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed-Dose Method), Guideline: EU Method B.1 bis (Acute Oral Toxicity - Fixed-Dose Procedure)
LD50 Dermal Rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD guideline 402 (Acute dermal toxicity), Guideline: EU Method B.3 (Acute toxicity (dermal))
LC50 Inhalation - Rat	> 3 mg/l air Animal: rat, Guide: OECD Guideline 403 (Acute Toxicity by Inhalation), Guide: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute Toxicity by Inhalation)
Cellulose, Carboxymethyl Ether, Sodium Salt	t (9004-32-4)
LD50 Oral Rat	> 5800 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
Calcium Dihydroxide (1305-62-0)	
LD50 Oral Rat	> 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD guideline 425 (Acute oral toxicity: up-down procedure)
LD50 Dermal Rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD guideline 402 (Acute dermal toxicity), Guideline: EU Method B.3 (Acute toxicity (dermal))
LC50 Inhalation - Rat	> 6,04 mg/l air Animal: rat, Note: OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxicity Class Method)
Skin corrosion/irritation	: Not classified (Based on the available data, the criteria for
Serious eye damage/eye irritation	classification) : Causes serious eye damage.
Sensitization of the respiratory tract or skin	: Not classified (Based on the available data, the criteria for classification)
Germ cell mutagenicity	: Not classified (Based on the available data, the criteria for classification)
Carcinogenicity Toxicity for reproduction	: Not classified (Based on available data, the classification criteria are not met): Not classified (Based on the available data, the criteria for classification)
Specific Organ Toxicity (Specific Organs) - Single Exposure	: Not classified (Based on available data, the classification criteria are not met)
Calcium Dihydroxide (1305-62-0)	
Specific Organ Toxicity (Specific Organ Toxicity) — single exposure	May cause irritation of the respiratory tract.
Specific Organ Toxicity (Specific Organ Toxicity) - Repeated Exposure	: Not classified (Based on available data, the classification criteria are not met)
Calcium carbonate (1317-65-3)	
NOAEL (oral, rat, 90 days)	1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Administration Toxicity Study with Reproductive Toxicity Screening/Developmental Toxicity Test)
NOAEC (inhalation, rat, dust/mist/fumes, 90 days)	\geq 0.212 mg/l air Animal: rat, Guideline: OECD guideline 413 (Subchronic inhalation toxicity: 90-day study)
Calcium Dihydroxide (1305-62-0)	
NOAEL (oral, rat, 90 days)	1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Administration Toxicity Study with Reproductive Toxicity Screening/Developmental Toxicity Test)
Inhalation hazard	: Not classified (Based on available data, the classification criteria are not met)

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ALL Gypsum Products	
Viscosity, kinematic	Not applicable

11.2. Information on other hazards

No additional information available

SECTION 12: Environmental information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms and does not cause long-

term adverse effects on the environment.

Dangerous for the aquatic environment, short-term (acute) : Not classified (Based on the available data, the criteria for

classification)

Dangerous for the aquatic environment, long-term (chronic): Not classified (Based on the available data, the criteria for

classification)

Does not degrade quickly

Calcium carbonate (1317-65-3)		
EC50 72h - Algae [1]	> 14 mg/l Test organisms (species): Desmodesmus subspicatus (former name: Scenedesmus subspicatus)	
Cellulose, Carboxymethyl Ether, Sodium Salt (900	4-32-4)	
LC50 - Pisces [1]	> 100 mg/l (96 часа, Oncorhynchus mykiss)	
LC50 - Pisces [2]	> 100 mg/l (96 часа, Lepomis macrochirus)	
Calcium Dihydroxide (1305-62-0)		
LC50 - Pisces [1]	50.6 mg/l Test organisms (species): Oncorhynchus mykiss (former name: Salmo gairdneri)	
EC50 - Crustaceans [1]	49.1 mg/l Test organisms (species): Daphnia magna	
EC50 72h - Algae [1]	184.57 mg/l Тестови организми (видове): Pseudokirchneriella subcapitata (предишни имена: Raphidocelis subcapitata, Selenastrum capricornutum)	
NOEC (chronic)	32 mg/l Test organisms (species): Crangon septemspinosa Duration: '14 d'	

12.2. Durability and degradability

Cellulose, Carboxymethyl Ether, Sodium Salt (9004-32-4)	
Durability and degradability	It is not easily biodegradable.

12.3. Bioaccumulative capacity

No additional information available

12.4. Soil Portability

No additional information available

12.5. PBT and vPvB assessment results

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

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SECTION 13: Waste disposal

13.1. Waste treatment methods

Local legislation (waste) : The removal must be carried out in accordance with the prescriptions of the competent

Office.

Waste treatment methods : Never pour the material down the drain or surface water. The aqueous mixture can

to clog the drains. Dispose of the contents/container in accordance with the sorting instructions of

licensed collectors.

Product/Packaging Disposal Recommendations : Empty the package completely before decontamination. Recycle the material as far as it is

possible. Dispose of in accordance with local regulations.

Ecology - waste materials : Avoid release into the environment.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG IATA		DNA	RID
14.1. United Nations List N	lumber or Identification Nu	mber		
Not subject to transport regulati	ons			
14.2. Exact name of the co	nsignment on the UN list			
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard cla	14.3. Transport hazard class(s)			
Not regulated	Not regulated Not regulated Not regulated Not regulated			Not regulated
14.4. Packaging group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated Not regulated Not regulated Not regulated Not regulated			Not regulated
No additional information availa	No additional information available			

14.6. Special precautions for consumers

Land transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail

Not regulated

14.7. Maritime transport of bulk cargo under International Maritime Organization instruments

Not applicable

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SECTION 15: Information on the regulatory framework

15.1. Substance- or mixture-specific safety, health and environmental legislation/legislation

15.1.1. EU regulations

REACH, Annex XVII (Conditions for restriction)

Does not contain substance(s) listed in Annex XVII of REACH (Restriction Conditions)

REACH, Annex XIV (List of substances for authorisation)

Does not contain substance(s) listed in Annex XIV of REACH (List of Substances for Authorisation)

REACH, Candidate Substance List (SVHC)

Does not contain substance(s) included in the REACH Candidate List

PIC Regulation (EU 649/2012, Prior Informed Consent)

Does not contain substance(s) included in the PIC list (Regulation EU 649/2012 on the export and import of hazardous chemicals)

POPs Regulation (EU 2019/1021, Persistent organic pollutants)

Does not contain substance(s) included in the list of POPs (Regulation (EU 2019/1021 on persistent organic pollutants)

Regulation on substances that deplete the ozone layer (EU 1005/2009)

Does not contain substance(s) included in the list of substances that deplete the ozone layer (Regulation EC 1005/2009 on substances that deplete the ozone layer)

Regulation on explosives precursors (EU 2019/1148)

Does not contain substance(s) included in the list of explosives precursors (Regulation (Regulation 2019/1148 on the marketing and use of explosives precursors)

Regulation on drug precursors (EC 273/2004)

Does not contain substance(s) included in the list of Narcotic Drugs Precursors (Regulation EC 273/2004 on the manufacture and placing on the market of certain substances used for the illicit manufacture of narcotic drugs or psychotropic substances)

15.1.2. National provisions

No additional information available

15.2. Safety assessment of the chemical substance or mixture

No chemical safety assessment has been carried out

SECTION 16: Other Information

Abbreviations and acroi	Abbreviations and acronyms:		
DNA	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways		
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road		
ATE	Acute toxicity assessment		
BCF	Bioconcentration factor		
BLV (Biological Limit Value)	Biological limit value		
BOD	Biochemical oxygen demand (BOD)		
COD	Chemical oxygen demand (COD)		
DMEL	Minimum effective dose/concentration obtained		
DNEL	Inactive dose/concentration received		
EC No.	European Community number		
EC50	Average effective concentration		
IN	European Standard		

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Abbreviations and acronyms:		
IARC	International Agency for Research on Cancer	
IATA	International Air Transport Association	
IMDG	International Code for the Transport of Dangerous Goods by Sea	
LC50	Medium lethal concentration	
LD50	Medium lethal dose	
LOAEL	The lowest dose at which an adverse effect is observed	
NOAEC	Concentration with no observed adverse effect	
NOAEL	Level with no observed adverse effect	
NOEC	Concentration with no observed impact	
OECD	Organisation for Economic Co-operation and Development	
OIL	Workplace exposure limit value	
PBT	Sustainable, bioaccumulative and toxic	
PNEC	Suspected inactive concentration	
RID	Regulations for the International Carriage of Dangerous Goods by Rail	
ILD	Safety Data Sheet	
STP	Wastewater treatment plant	
TPK	Theoretical oxygen demand (ThOD)	
TLM	Medium level of toxicity	
MOOSE	Volatile organic compounds	
CASE No	Chemical Index Office number	
N.U.S.	Unspecified	
vPvB	Very sustainable and very bioaccumulative	
CLP	Regulation on classification, labelling and packaging; Regulation (EC) No 1272/2008	
IGSPE	Indicative occupational exposure limits	
Pow (log)	Partition coefficient n-octanol/water	
REACH	Registration, evaluation, authorisation and restriction of chemicals; Regulation (EC) No 1907/2006	
WGK	Hazard class for water	

Data sources

: Classification in accordance with Regulation (EC) No 1272/2008 [CLP]. ECHA (European Agency for Chemicals). Supplier's safety documents.

Full text of the H- and EUH-hazard warnings:		
Eye Dam. 1	Serious eye damage/irritation, Category 1	
H315	Causes skin irritation.	
H318	It causes serious eye damage.	
H335	May cause irritation of the respiratory tract.	
Skin Irrit. 2	Corrosion/Skin Irritation, Category 2	
STOT SE 3	Specific toxicity to certain organs – single exposure, Category 3, respiratory irritation	

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Classification and [CLP]:	d procedure used to obta	ain the classification for mixtures under Regulation (EC) No 1272/2008
Eye Dam. 1	H318	Computational method

The classification is in accordance with the : ATP 12

Safety Data Sheet (SDS), EU

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