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

1.1. Product identifier

Product form : Mixture
Trade name : KPRIMER101

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use, Professional use, Industrial use
Use of the substance/mixture : Paint

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Kalkhome VOF
Rozenberg 62
2400 Mol - Belgium
T 0492 105 205

1.4. Emergency telephone number

Country	Official advisory body	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315
Eye Dam. 1 H318
STOT SE 3 H335

Full text of H- and EUH-statements: see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word : Danger
Contains : calcium hydroxide, Titanium dioxide
Hazard statements (CLP) : H315 - Causes skin irritation.

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Precautionary statements (CLP)	H318 - Causes serious eye damage. H335 - May cause respiratory irritation. : P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P261 - Avoid breathing dust. P264 - Wash hands, forearms and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor.
Extra phrases	: EUH212 - Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.
Child-resistant fastening	: Not applicable
Tactile warning	: Not applicable

2.3. Other hazards

Other hazards	: Results of PBT and vPvB assessment : Not applicable. Risk of dust explosion.
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The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments	: * Note 10 : The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$. : Not applicable
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Substance name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
calcium hydroxide substance with a Community workplace exposure limit	(CAS-No.) 1305-62-0 (EC-No.) 215-137-3	40	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Titanium dioxide (*)	(CAS-No.) 13463-67-7 (EC-No.) 236-675-5 (EC Index) 022-006-00-2	10	Carc. 2, H351

Full text of H- and EUH-statements: see section 16

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SECTION 4: First aid measures

4.1. Description of first aid measures

Additional advice	: First aider: Pay attention to self-protection!. Concerning personal protective equipment to use, see section 8. Never give anything by mouth to an unconscious person. In case of doubt or persistent symptoms, consult always a physician. Show this safety data sheet to the doctor in attendance.
Inhalation	: Remove casualty to fresh air and keep warm and at rest. In case of doubt or persistent symptoms, consult always a physician.
Skin contact	: Remove contaminated clothing and shoes. Gently wash with plenty of soap and water. In case of doubt or persistent symptoms, consult always a physician.
Eyes contact	: Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
Ingestion	: Rinse mouth thoroughly with water. Get medical advice/attention.

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

Inhalation	: May cause respiratory irritation. The following symptoms may occur: Cough. Sore throat. Inhalation of dust may cause irritation of the respiratory system.
Skin contact	: Causes skin irritation. The following symptoms may occur: Redness, pain. Swelling. Contact with dust may cause mechanical irritation or drying of the skin.
Eyes contact	: Causes serious eye damage. The following symptoms may occur: Redness, pain. Burns. Blurred vision. Dust may cause painful eye irritation and tearing.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: carbon dioxide (CO2), powder, alcohol-resistant foam, water spray.
Unsuitable extinguishing media	: Strong water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards	: Not flammable. Risk of dust explosion.
Hazardous decomposition products in case of fire	: Carbon oxides (CO, CO2). Metal oxides.

5.3. Advice for firefighters

Firefighting instructions	: Evacuate area. Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding. Prevent fire fighting water from entering the environment. Avoid dust formation. Knock down/dilute dust cloud with water spray.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.
Other information	: Do not allow run-off from fire-fighting to enter drains or water courses. Dispose of waste in accordance with environmental legislation.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

For non-emergency personnel : Evacuate unnecessary personnel. Keep upwind. Provide adequate ventilation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Wear recommended personal protective equipment. Concerning personal protective equipment to use, see section 8. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ensure equipment is adequately earthed. Use explosion-proof equipment. Use only non-sparking tools.

6.1.2. For emergency responders

For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place. Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Stop leak if safe to do so. Dam up the solid spill. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Large spills: scoop solid spill into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation. Avoid dust formation. Knock down/dilute dust cloud with water spray.

6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide adequate ventilation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Use personal protective equipment as required. Concerning personal protective equipment to use, see section 8. Take any precaution to avoid mixing with Incompatible materials, Refer to Section 10 on Incompatible Materials. Ensure proper process control to avoid excess waste discharge (temperature, concentration, pH, time). Avoid release to the environment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid dust formation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools.

Hygiene measures : Keep good industrial hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feedingstuffs. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool and well-ventilated place. Do not store near or with any of the incompatible materials listed in section 10. Protect from moisture. Bund storage facilities to prevent soil and water pollution in the event of spillage. Take precautionary measures against static discharge.

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Heat and ignition sources : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Special rules on packaging : Tactile warning. Containers which are opened should be properly resealed and kept upright to prevent leakage.

Packaging materials : Keep only in the original container.

7.3. Specific end use(s)

Paint.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

calcium hydroxide (1305-62-0)		
EU	IOEL TWA	1 mg/m ³ (respirable fraction)
EU	IOEL STEL	4 mg/m ³ (respirable fraction)
Austria	MAK (OEL TWA)	1 mg/m ³ (inhalable fraction)
Austria	MAK (OEL STEL)	4 mg/m ³ (inhalable fraction)
Belgium	OEL TWA	1 mg/m ³ (alveolar fraction)
Belgium	OEL STEL	4 mg/m ³
Bulgaria	OEL TWA	1 mg/m ³ (respirable fraction)
Bulgaria	OEL STEL	4 mg/m ³ (respirable fraction)
Croatia	GVI (OEL TWA) [1]	1 mg/m ³ (respirable dust, inhalable fraction)
Croatia	KGVI (OEL STEL)	4 mg/m ³ (respirable dust; inhalable fraction)
Cyprus	OEL TWA	1 mg/m ³ (respirable fraction)
Cyprus	OEL STEL	4 mg/m ³ (respirable fraction)
Czech Republic	PEL (OEL TWA)	1 mg/m ³ (respirable fraction of aerosol)
Denmark	OEL TWA [1]	1 mg/m ³ (respirable fraction) 5 mg/m ³
Estonia	OEL TWA	1 mg/m ³
Estonia	OEL STEL	4 mg/m ³
Finland	HTP (OEL TWA) [1]	1 mg/m ³
Finland	HTP (OEL STEL)	4 mg/m ³
France	VME (OEL TWA)	5 mg/m ³
Germany	Occupational exposure limit value (mg/m ³) (TRGS900)	1 mg/m ³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
Gibraltar	OEL TWA	1 mg/m ³ (respirable fraction)
Gibraltar	OEL STEL	4 mg/m ³ (respirable fraction)
Greece	OEL TWA	1 mg/m ³ (respirable fraction)
Greece	OEL STEL	4 mg/m ³ (respirable fraction)
Hungary	AK (OEL TWA)	1 mg/m ³ (respirable dust)
Hungary	CK (OEL STEL)	4 mg/m ³
Ireland	OEL TWA [1]	1 mg/m ³ (respirable dust)
Ireland	OEL STEL	4 mg/m ³ (respirable dust)
Italy	OEL TWA	1 mg/m ³ (respirable fraction)
Latvia	OEL TWA	1 mg/m ³ (respirable fraction)
Lithuania	IPRV (OEL TWA)	1 mg/m ³ (respirable fraction)

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calcium hydroxide (1305-62-0)		
Lithuania	TPRV (OEL STEL)	4 mg/m ³ (respirable fraction)
Luxembourg	OEL TWA	1 mg/m ³ (inhalable fraction)
Malta	OEL TWA	1 mg/m ³ (respirable fraction)
Malta	OEL STEL	4 mg/m ³ (respirable fraction)
Netherlands	TGG-8u (OEL TWA)	1 mg/m ³ (respirable fraction)
Netherlands	TGG-15min (OEL STEL)	4 mg/m ³ (respirable dust)
Poland	NDS (OEL TWA)	2 mg/m ³ (inhalable fraction) 1 mg/m ³ (respirable fraction)
Poland	NDSCh (OEL STEL)	4 mg/m ³ (respirable fraction) 6 mg/m ³ (inhalable fraction)
Portugal	OEL TWA	1 mg/m ³ (indicative limit value)
Portugal	OEL STEL	4 mg/m ³ (breathable fraction)
Romania	OEL TWA	1 mg/m ³ (for gaseous or vapor phase chemicals, the limit value is expressed at 20°C and 101.3 kPa-respirable fraction)
Romania	OEL STEL	4 mg/m ³ (for gaseous or vapor phase chemicals, the limit value is expressed at 20°C and 101.3 kPa-respirable fraction)
Slovakia	NPHV (OEL TWA) [1]	5 mg/m ³ (respirable fraction)
Slovenia	OEL TWA	1 mg/m ³ (respirable fraction)
Slovenia	OEL STEL	4 mg/m ³ (respirable fraction)
Spain	VLA-ED (OEL TWA) [1]	1 mg/m ³ (respirable fraction)
Spain	VLA-EC (OEL STEL)	4 mg/m ³ (respirable fraction)
Sweden	NGV (OEL TWA)	1 mg/m ³ (respirable fraction)
Sweden	KTV (OEL STEL)	4 mg/m ³ (respirable fraction)
United Kingdom	WEL TWA (OEL TWA) [1]	1 mg/m ³ (respirable fraction) 5 mg/m ³
United Kingdom	WEL STEL (OEL STEL)	4 mg/m ³ (respirable fraction) 15 mg/m ³ (calculated)
Norway	Grenseverdi (OEL TWA) [1]	1 mg/m ³ (respirable dust)
Norway	Korttidsverdi (OEL STEL)	4 mg/m ³ (value from the regulation-respirable dust)
Switzerland	MAK (OEL TWA) [1]	1 mg/m ³ (inhalable dust)
Switzerland	KZGW (OEL STEL)	4 mg/m ³ (inhalable dust)
Australia	OES TWA [1]	5 mg/m ³
Canada (Quebec)	VEMP (OEL TWA)	5 mg/m ³
USA - ACGIH	ACGIH OEL TWA	5 mg/m ³
USA - NIOSH	NIOSH REL TWA	5 mg/m ³
USA - OSHA	OSHA PEL TWA [1]	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)
Titanium dioxide (13463-67-7)		
Austria	MAK (OEL TWA)	5 mg/m ³ (alveolar dust, respirable fraction)
Austria	MAK (OEL STEL)	10 mg/m ³ (alveolar dust, respirable fraction)
Belgium	OEL TWA	10 mg/m ³
Bulgaria	OEL TWA	10 mg/m ³ (respirable dust)

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Titanium dioxide (13463-67-7)		
Croatia	GVI (OEL TWA) [1]	10 mg/m ³ (total dust, inhalable particles) 4 mg/m ³ (respirable dust)
Denmark	OEL TWA [1]	6 mg/m ³
Estonia	OEL TWA	5 mg/m ³
France	VME (OEL TWA)	10 mg/m ³
Germany	Occupational exposure limit value (mg/m ³) (TRGS900)	1,25 mg/m ³ (respirable fraction (dust)) 10 mg/m ³ (inhalable fraction (dust))
Greece	OEL TWA	10 mg/m ³ (inhalable fraction) 5 mg/m ³ (respirable fraction)
Ireland	OEL TWA [1]	10 mg/m ³ (total inhalable dust) 4 mg/m ³ (respirable dust)
Ireland	OEL STEL	30 mg/m ³ (calculated-respirable dust) 12 mg/m ³ (calculated)
Latvia	OEL TWA	10 mg/m ³
Lithuania	IPRV (OEL TWA)	5 mg/m ³
Poland	NDS (OEL TWA)	10 mg/m ³ (the concentration of the respirable Crystalline silica fraction is determined simultaneously-inhalable fraction)
Portugal	OEL TWA	10 mg/m ³
Romania	OEL TWA	10 mg/m ³
Romania	OEL STEL	15 mg/m ³
Slovakia	NPHV (OEL TWA) [1]	5 mg/m ³
Spain	VLA-ED (OEL TWA) [1]	10 mg/m ³
Sweden	NGV (OEL TWA)	5 mg/m ³ (total dust)
United Kingdom	WEL TWA (OEL TWA) [1]	10 mg/m ³ (total inhalable) 4 mg/m ³ (respirable)
United Kingdom	WEL STEL (OEL STEL)	30 mg/m ³ (calculated-total inhalable) 12 mg/m ³ (calculated-respirable)
Norway	Grenseverdi (OEL TWA) [1]	5 mg/m ³ (Referanser (lover/forskrifter): FOR-2011-12-06 nr 1358 Forskrift om tiltaks-og grenseverdier (sist endret gjennom FOR-2016-12-22 nr 1860)).
Norway	Korttidsverdi (OEL STEL)	10 mg/m ³ (value calculated)
Switzerland	MAK (OEL TWA) [1]	3 mg/m ³ (respirable dust)
Australia	OES TWA [1]	10 mg/m ³ (containing no asbestos and <1% crystalline silica-inhalable dust)
Canada (Quebec)	VEMP (OEL TWA)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust)
USA - ACGIH	ACGIH OEL TWA	10 mg/m ³
USA - IDLH	IDLH	5000 mg/m ³
USA - NIOSH	NIOSH REL TWA	2,4 mg/m ³ (CIB 63-fine) 0,3 mg/m ³ (CIB 63-ultrafine, including engineered nanoscale)
USA - OSHA	OSHA PEL TWA [1]	15 mg/m ³ (total dust)

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Additional information : Recommended monitoring procedures :. Personal air monitoring. Room air monitoring

8.2. Exposure controls

Engineering measure(s) : Organisational measures to prevent /limit releases, dispersion and exposure. See Section 7 for information on safe handling. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use only outdoors or in a well-ventilated area. Apply measures to prevent dust explosions. Ensure equipment is adequately earthed.

Personal protective equipment : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hand protection : Wear chemically resistant gloves (tested to EN374) . Suitable material: Not determined. Breakthrough time : Not determined. Thickness : Not determined. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Eye protection : Use suitable eye protection (EN166): Safety glasses with side shields

Body protection : Wear suitable protective clothing

Respiratory protection : Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment. Effective dust mask (EN 149). Half-face mask (DIN EN 140). full face mask (DIN EN 136). Filter type: P (EN 143)

Thermal hazard protection : Not required for normal conditions of use. Use dedicated equipment.

Environmental exposure controls : Avoid release to the environment. Comply with applicable Community environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Powder.

Colour : White.

Odour : odourless.

Odour threshold : No data available

pH : No data available

pH solution : Not available

Relative evaporation rate (butylacetate=1) : No data available

Melting / freezing point : No data available

Freezing point : No data available

Initial boiling point and boiling range : No data available

Flash point : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Non flammable

Vapour pressure : No data available

Vapour density : No data available

Relative density : No data available

Solubility : soluble in water.

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Partition coefficient n-octanol/water	: No data available
Kinematic viscosity	: Not applicable
Dynamic viscosity	: Not applicable
Explosive properties	: Not applicable. The study does not need to be conducted because there are no chemical groups associated with explosive properties present in the molecule.
Oxidising properties	: Not applicable. The classification procedure needs not to be applied because there are no chemical groups present in the molecule which are associated with oxidising properties.
Explosive limits	: No data available
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions. Reference to other sections: 10.4 & 10.5.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid the build-up of electrostatic charge. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from moisture. See Section 7 for information on safe handling.

10.5. Incompatible materials

Oxidising agents. See Section 7 for information on safe handling.

10.6. Hazardous decomposition products

Reference to other sections 5.2.

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SECTION 11: Toxicological information

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

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

calcium hydroxide (1305-62-0)	
LD50/oral/rat	7340 mg/kg
LD50/dermal/rat	> 2500 mg/kg
LC50/inhalation/4h/rat	> 6,04 mg/l/4h
Titanium dioxide (13463-67-7)	
LD50/oral/rat	> 5000 mg/kg
LC50/inhalation/4h/rat	5,09 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
pH: No data available

Serious eye damage/irritation : Causes serious eye damage.
pH: No data available

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified
EUH212: Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

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

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

KPRIMER101	
Kinematic viscosity	Not applicable

Other information : Symptoms related to the physical, chemical and toxicological characteristics.
For further information see section 4.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

11.2.2 Other information

Other information : Symptoms related to the physical, chemical and toxicological characteristics, For further information see section 4

SECTION 12: Ecological information

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12.1. Toxicity

Environmental properties	: According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "dangerous for the environment".
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

calcium hydroxide (1305-62-0)	
LC50 - Fish [1]	50,6 mg/l
LC50 - Fish [2]	457 mg/l
EC50 - Crustacea [1]	49,1 mg/l
EC50 - Crustacea [2]	158 mg/l
EC50 72h - Algae [1]	184,57 mg/l
EC50 72h - Algae [2]	48 mg/l
LOEC (acute)	80 mg/l
NOEC chronic crustacea	32 mg/l (14j)
NOEC chronic algae	33,3 mg/l
NOEC (additional information)	Effects on soil micro-organisms : 2000 - 12000 mg/kg Soil

12.2. Persistence and degradability

KPRIMER101	
Persistence and degradability	No additional information available.

12.3. Bioaccumulative potential

KPRIMER101	
Partition coefficient n-octanol/water	No data available
Bioaccumulative potential	No additional information available.

calcium hydroxide (1305-62-0)	
BCF - Fish [1]	(no bioaccumulation)

12.4. Mobility in soil

KPRIMER101	
Mobility in soil	No data available

12.5. Results of PBT and vPvB assessment

KPRIMER101	
Results of PBT assessment	Not applicable

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12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : Not applicable

12.7. Other adverse effects

Other adverse effects : No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Avoid release to the environment. Dispose of empty containers and wastes safely. See Section 7 for information on safe handling. Refer to manufacturer/supplier for information on recovery/recycling. Recycling is preferred to disposal or incineration. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations. Handle contaminated packages in the same way as the substance itself. Dispose of contaminated materials in accordance with current regulations.

European waste catalogue (2001/573/EC, 75/442/EEC, 91/689/EEC) : This material and its container must be disposed of as hazardous waste
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<u>14.1. UN number</u>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<u>14.2. UN proper shipping name</u>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<u>14.3. Transport hazard class(es)</u>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<u>14.4. Packing group</u>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<u>14.5. Environmental hazards</u>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Special precautions for user : No data available

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

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- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Code: IBC : No data available.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

France

No ICPE	Installations classées Désignation de la rubrique	Code Régime	Rayon
na	Not Applicable	na	na

Germany

Regulatory reference : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

German storage class (LGK) : LGK 13 - Non-combustible solids

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

Waterbezwaarlijkheid : B (4) - Weinig schadelijk voor in het water levende organismen

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

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Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

Not applicable

SECTION 16: Other information

Abbreviations and acronyms:

	ABM = Algemene beoordelingsmethodiek
	ADN = Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin
	ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
	CLP = Classification, Labelling and Packaging Regulation according to 1272/2008/EC
	IATA = International Air Transport Association
	IMDG = International Maritime Dangerous Goods Code
	LEL = Lower Explosive Limit/Lower Explosion Limit
	UEL = Upper Explosion Limit/Upper Explosive Limit
	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
	BTT = Breakthrough time (maximum wearing time)
	DMEL = Derived Minimal Effect level
	DNEL = Derived No Effect Level
	EC50 = Median Effective Concentration
	EL50 = Median effective level
	ErC50 = EC50 in terms of reduction of growth rate
	ErL50 = EL50 in terms of reduction of growth rate
	EWC = European waste catalogue
	LC50 = Median lethal concentration
	LD50 = Median lethal dose
	LL50 = Median lethal level
	NA = Not applicable
	NOEC = No observed effect concentration
	NOEL: no-observed-effect level
	NOELR = No observed effect loading rate
	NOAEC = No observed adverse effect concentration
	NOAEL = No observed adverse effect level
	N.O.S. = Not Otherwise Specified
	OEL = Occupational Exposure Limits - Short Term Exposure Limits (STELs)
	PNEC = Predicted No Effect Concentration
	Quantitative structure-activity relationship (QSAR)
	STOT = Specific Target Organ Toxicity
	TWA = time weighted average
	VOC = Volatile organic compounds
	WGK = Wassergefährdungsklasse (Water Hazard Class under German Federal Water Management Act)

Sources of key data used to compile the : ECHA (European Chemicals Agency). LOLI. Supplier information. datasheet

Training advice : Training staff on good practice. Manipulations are to be done only by qualified and authorised persons.

Other information : Classification - Assessment method: CLP Calculation method (Article 9).

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Full text of H- and EUH-statements:

Carc. 2	Carcinogenicity, Category 2
EUH212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Labelling according to Regulation (EC) No. 1272/2008 [CLP]

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