

Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Article 31, Annex II, as amended by Commission Regulation (EU) 2020/878

KERALEVEL ECO LR

Date of first edition: 10/1/2021

Safety Data Sheet dated 29/07/2026 version 12

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

1.1. Product identifier

Mixture identification:

Trade name: KERALEVEL ECO LR

Trade code: S100K0030 D2

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

Recommended use: Mortar for levelling and finishing layers

Uses advised against: All uses other than recommended ones

1.3. Details of the supplier of the safety data sheet

Company: KERAKOLL S.p.A.

Via dell'Artigianato, 9

41049 Sassuolo (MODENA) - ITALY

Tel. +39 0536 816511 Fax. +39 0536816581

safety@kerakoll.com

1.4. Emergency telephone number

European emergency phone number 112

Ireland Emergency medical information: (seven days) contact National Poisons Information Centre, Beaumont Hospital, Dublin 9 DOV2NO, Ireland.

Members of the public Number (8 am-10 pm): +353 (0)1 809 2166

Healthcare professional telephone Number (24hrs): +353 (0)1 809 2566

Malta In case of emergency call: +356 2395 2000 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) n. 1272/2008 (CLP)

The product is not classified as hazardous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

The product is not classified as hazardous according to Regulation EC 1272/2008 (CLP).

Special provisions according to Annex XVII of REACH and subsequent amendments:

None.

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration $\geq 0.1\%$

Other Hazards: No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Mixture identification: KERALEVEL ECO LR

Hazardous components within the meaning of the CLP regulation and related classification:

None

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

N.A.

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

N.A.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

For emergency responders:

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

Recommendation(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Community Occupational Exposure Limits (OEL)

Quartz

CAS: 14808-60-7	ACGIH	Long Term: 0.025 mg/m ³ (8h) Notes: R, A2 - Pulm fibrosis, lung cancer
	NATION BELGIUM AL	Long Term: 0.1 mg/m ³ Notes: C Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
	NATION DENMARK AL	Long Term: 0.3 mg/m ³ Notes: alveolijae, liite 3 Source: BEK nr 2203 af 29/11/2021
		Long Term: 0.1 mg/m ³ Notes: EK Source: BEK nr 2203 af 29/11/2021
	NATION SPAIN AL	Long Term: 0.3 mg/m ³ Notes: Respirable fraction Source: LEP 2022
	NATION ESTONIA AL	Long Term: 0.1 mg/m ³ Notes: 1, C Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105
	NATION FINLAND AL	Long Term: 0.05 mg/m ³ Notes: alveolijae, liite 3 Source: HTP-ARVOT 2020
	NATION FRANCE AL	Long Term: 0.1 mg/m ³ Notes: La VLEP s'applique à la fraction alvéolaire. Forme de silice cristalline. Source: INRS outil65, article R. 4412-149 du Code du travail
	NATION HUNGARY AL	Long Term: 0.1 mg/m ³ Source: 5/2020. (II. 6.) ITM rendelet
	NATION IRELAND AL	Long Term: 0.1 mg/m ³ Notes: Respirable fraction Source: 2021 Code of Practice
	NATION ITALY AL	Long Term: 0.1 mg/m ³ Notes: Polvere di silice cristallina respirabile (frazione inalabile). Rif:D.Lgs 81/2008 Source: D.lgs. 81/2008, Allegato XLIII
	NATION LITHUANIA AL	Long Term: 0.1 mg/m ³ Notes: Žiūrėti 1 priedo 3 punktą. Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389
	NATION NETHERLAND AL S	Long Term: 0.075 mg/m ³ Notes: (2) Source: Arbeidsomstandighedenregeling - Lijst B1
	NATION NORWAY AL	Long Term: 0.3 mg/m ³ Notes: K 7 Source: FOR-2021-06-28-2248
		Long Term: 0.05 mg/m ³ Notes: K G 7 21 Source: FOR-2021-06-28-2248
	NATION POLAND AL	Long Term: 0.1 mg/m ³ Notes: 6) Source: Dz.U. 2018 poz. 1286
	NATION SWEDEN AL	Long Term: 0.1 mg/m ³ Notes: C, M, 3 Source: AFS 2021:3
SUVA	SWITZERLAND D	Long Term: 0.15 mg/m ³ Notes: TWA mg/m ³ : (a), C1A, SSC, P, Cancpulm Silicose / Lugenkrebs Silikose, HSE NIOSH OSHA Source: suva.ch/valeurs-limites

Calcium carbonate

CAS: 471-34-1	NATION FRANCE AL	Long Term: 10 mg/m3 Source: INRS outil65
	NATION CROATIA AL	Long Term: 10 mg/m3 Notes: U Source: NN 1/2021
		Long Term: 4 mg/m3 Notes: R Source: NN 1/2021
	NATION HUNGARY AL	Long Term: 10 mg/m3 Notes: inhalable aerosol Source: 5/2020. (II. 6.) ITM
	NATION IRELAND AL	Long Term: 10 mg/m3 Notes: Inhalable fraction Source: 2021 Code of Practice
		Long Term: 4 mg/m3 Notes: Respirable fraction Source: 2021 Code of Practice
	NATION LATVIA AL	Long Term: 6 mg/m3 Source: KN325P1
	NATION POLAND AL	Long Term: 10 mg/m3 Notes: 4) Source: Dz.U. 2018 poz. 1286
	SUVA SWITZERLAND D	Long Term: 3 mg/m3 Notes: TWA mg/m3: (a), Formel / Formal, NIOSH Source: suva.ch/valeurs-limites

Sulfuric acid, calcium salt, hydrate (2:2:1)

CAS: 10034-76-1	ACGIH	Long Term: 10 mg/m3 (8h) Notes: I - Nasal symptoms
	NATION BELGIUM AL	Long Term: 10 mg/m3 Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
	NATION SPAIN AL	Long Term: 10 mg/m3 Notes: e Source: LEP 2022
	SUVA SWITZERLAND D	Long Term: 3 mg/m3 Notes: TWA mg/m3: (a), SSC, Formel / Formal Source: suva.ch/valeurs-limites

Calcium sulfate

CAS: 7778-18-9	ACGIH	Long Term: 10 mg/m3 (8h) Notes: I - Nasal symptoms
	NATION AUSTRIA AL	Long Term: 5 mg/m3; Short Term: 10 mg/m3 Notes: 60(Miw), 2x, MAK, A Source: GKV, BGBl. II Nr. 156/2021
	NATION BELGIUM AL	Long Term: 10 mg/m3 Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
	NATION GERMANY AL	Long Term: 6 mg/m3 Notes: DFG, A Source: TRGS 900
	NATION SPAIN AL	Long Term: 10 mg/m3 Notes: e Source: LEP 2022
	NATION GREECE AL	Long Term: 10 mg/m3 Source: ΦΕΚ 94/Α` 13.5.1999
		Long Term: 5 mg/m3 Notes: avanv. Source: ΦΕΚ 94/Α` 13.5.1999
		Long Term: 10 mg/m3 Notes: εισην.

Source: ΦΕΚ 94/A` 13.5.1999

NATION HUNGARY
AL

Long Term: 4 mg/m3
Notes: N
Source: 5/2020. (II. 6.) ITM rendelet

Long Term: 1.5 mg/m3
Notes: resp, N
Source: 5/2020. (II. 6.) ITM rendelet

NATION IRELAND
AL

Long Term: 10 mg/m3
Source: 2021 Code of Practice

NATION LATVIA
AL

Long Term: 4 mg/m3
Source: KN325P1

NATION POLAND
AL

Long Term: 10 mg/m3
Notes: 4), 7)
Source: Dz.U. 2018 poz. 1286

NATION SLOVAKIA
AL

Long Term: 4 mg/m3
Notes: 10)
Source: 355 NARIADENIE VLÁDY z 10. mája 2006

Long Term: 1.5 mg/m3
Notes: 11)
Source: 355 NARIADENIE VLÁDY z 10. mája 2006

Long Term: 4 mg/m3
Notes: 10)
Source: 355 NARIADENIE VLÁDY z 10. mája 2006

Long Term: 1.5 mg/m3
Notes: 11)
Source: 355 NARIADENIE VLÁDY z 10. mája 2006

NATION SLOVENIA
AL

Long Term: 6 mg/m3
Notes: (A)
Source: UL št. 72, 11. 5. 2021

SUVA SWITZERLAND
D

Long Term: 3 mg/m3
Notes: TWA mg/m3: (a), SSC, Formel / Formal
Source: suva.ch/valeurs-limites

Kaolin

CAS: 1332-58-7

ACGIH

Long Term: 2 mg/m3 (8h)
Notes: E,R, A4 - Pneumoconiosis

NATION BELGIUM
AL

Long Term: 2 mg/m3
Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1

NATION DENMARK
AL

Long Term: 2 mg/m3
Source: BEK nr 2203 af 29/11/2021

NATION FINLAND
AL

Long Term: 2 mg/m3
Notes: alveolijae
Source: HTP-ARVOT 2020

NATION CROATIA
AL

Long Term: 2 mg/m3
Notes: R
Source: NN 1/2021

NATION IRELAND
AL

Long Term: 2 mg/m3
Source: 2021 Code of Practice

NATION POLAND
AL

Long Term: 10 mg/m3
Notes: 4), 7)
Source: Dz.U. 2018 poz. 1286

SUVA SWITZERLAND
D

Long Term: 3 mg/m3
Notes: TWA mg/m3: (a), Fibpulm / Lungenfibrose
Source: suva.ch/valeurs-limites

Quartz

CAS: 14808-60-7

ACGIH

Long Term: 0.025 mg/m3 (8h)
Notes: R, A2 - Pulm fibrosis, lung cancer

EU

Long Term: 0.1 mg/m3
Notes: Polvere di silice cristallina respirabile, frazione inalabile. (R), A2 - Pulm fibrosis, lung cancer.

Directive 2017/2398

NATION AUSTRIA AL	Long Term: 0.05 mg/m ³ Notes: MAK, III C, A Source: BGBl. II Nr. 156/2021
NATION BELGIUM AL	Long Term: 0.1 mg/m ³ Notes: C Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
NATION DENMARK AL	Long Term: 0.3 mg/m ³ Source: BEK nr 2203 af 29/11/2021 Long Term: 0.1 mg/m ³ Notes: EK Source: BEK nr 2203 af 29/11/2021
NATION SPAIN AL	Long Term: 0.05 mg/m ³ (8h) Notes: Respirable fraction Source: LEP 2022
NATION ESTONIA AL	Long Term: 0.1 mg/m ³ Notes: 1, C Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105
NATION FINLAND AL	Long Term: 0.05 mg/m ³ Notes: alveolijae, liite 3 Source: HTP-ARVOT 2020
NATION FRANCE AL	Long Term: 0.1 mg/m ³ Notes: La VLEP s'applique à la fraction alvéolaire. Forme de silice cristalline. Source: INRS outil65, article R. 4412-149 du Code du travail
NATION CROATIA AL	Long Term: 0.1 mg/m ³ Source: NN 1/2021
NATION HUNGARY AL	Long Term: 0.1 mg/m ³ (8h) Notes: Respirable aerosol Source: 5/2020. (II. 6.) ITM rendelet
NATION IRELAND AL	Long Term: 0.1 mg/m ³ (8h) Notes: Respirable fraction Source: 2021 Code of Practice
NATION ITALY AL	Long Term: 0.1 mg/m ³ (8h) Notes: Polvere di silice cristallina respirabile (frazione inalabile). D.Lgs 81/2008 Source: D.lgs. 81/2008, Allegato XLIII
NATION LITHUANIA AL	Long Term: 0.1 mg/m ³ Notes: Žiūrėti 1 priedo 3 punktą. Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389
NATION NETHERLAND AL S	Long Term: 0.075 mg/m ³ Notes: (2) Source: Arbeidsomstandighedenregeling - Lijst B1
NATION NORWAY AL	Long Term: 0.3 mg/m ³ Notes: K 7 Source: FOR-2021-06-28-2248 Long Term: 0.05 mg/m ³ Notes: K G 7 21 Source: FOR-2021-06-28-2248
NATION POLAND AL	Long Term: 0.1 mg/m ³ Notes: 6) Source: Dz.U. 2018 poz. 1286
NATION SWEDEN AL	Long Term: 0.1 mg/m ³ Notes: C, M, 3 Source: AFS 2021:3
SUVA SWITZERLAND D	Long Term: 0.15 mg/m ³ Notes: TWA mg/m ³ : (a), C1A, SSC, P, Cancpulm Silicose / Lugenkrebs Silikose, HSE NIOSH OSHA Source: suva.ch/valeurs-limites

sodium chloride

CAS: 7647-14-5

NATION LITHUANIA AL	Long Term: 5 mg/m ³ Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389
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Propane-1,2-diol CAS: 57-55-6	NATION LATVIA AL	Long Term: 5 mg/m3 Source: KN325P1
	NATION CROATIA AL	Long Term: 474 mg/m3 - 150 ppm Source: NN 1/2021
		Long Term: 10 mg/m3 Source: NN 1/2021
	NATION IRELAND AL	Long Term: 470 mg/m3 - 150 ppm Source: 2021 Code of Practice
		Long Term: 10 mg/m3 Source: 2021 Code of Practice
	NATION LITHUANIA AL	Long Term: 7 mg/m3 Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389
	NATION LATVIA AL	Long Term: 7 mg/m3 Source: KN325P1
	NATION NORWAY AL	Long Term: 79 mg/m3 - 25 ppm Source: FOR-2021-06-28-2248
	NATION POLAND AL	Long Term: 100 mg/m3 Notes: 4) Source: Dz.U. 2018 poz. 1286

8.2. Exposure controls

Eye protection:

No specific requirements during normal conditions of use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Nitrile rubber .

Respiratory protection:

N.A.

Thermal Hazards:

Not expected if used as intended

Environmental exposure controls:

Prevent the product from entering sewers or surface and underground water.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Brown
Odour:	Odourless
pH:	>=9.30<=9.80 1% Method: OECD 122
Kinematic viscosity:	Not Relevant Notes: Not determined, as it is not required for CLP classification
Melting point/freezing point:	N.A.
Boiling point or initial boiling point and boiling range:	N.A.
Flash point:	Not Applicable
Lower and upper explosion limit:	Not Relevant Notes: Not applicable as the mixture is not flammable
Relative vapour density:	Not Relevant Notes: Not applicable as the mixture is not liquid
Vapour pressure:	Not Relevant Notes: Not applicable as the mixture is not liquid

Density and/or relative density:	1.16 g/cm ³ Method: EN 1097-03
Solubility in water:	Slightly soluble
Solubility in oil:	Not Relevant Notes: Not determined, as it is not required for CLP classification
Partition coefficient n-octanol/water (log value):	Not Relevant Notes: Not applicable to mixtures
Auto-ignition temperature:	Not Relevant Notes: Not applicable as the mixture is not flammable
Decomposition temperature:	Not Relevant Notes: Not applicable, as the mixture is not self-reactive
Flammability:	Not Relevant Notes: Not applicable as the mixture is not flammable
Volatile Organic compounds - VOCs =	0.00%; 0.03g/L
Particle characteristics:	
Particle size:	N.A.

9.2. Other information

Evaporation rate:	Not Relevant Notes: Not applicable as the mixture is not liquid
No other relevant information	

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Data not available.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

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

Toxicological Information of the Preparation

a) acute toxicity	Not classified Based on available data, the classification criteria are not met
b) skin corrosion/irritation	Not classified Based on available data, the classification criteria are not met
c) serious eye damage/irritation	Not classified Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	Not classified Based on available data, the classification criteria are not met
e) germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified Based on available data, the classification criteria are not met

h) STOT-single exposure	Not classified Based on available data, the classification criteria are not met
i) STOT-repeated exposure	Not classified Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified Based on available data, the classification criteria are not met

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration $\geq 0.1\%$

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

No data available for the product

12.2. Persistence and degradability

N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

No PBT or vPvB substances present in concentration $\geq 0.1\%$

12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration $\geq 0.1\%$

12.7. Other adverse effects

N.A.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force.

The product disposed of as such, pursuant to Regulation (EU) 1357/2014, must be classified as non-hazardous waste

A waste code according to the European List of Wastes (LoW) cannot be specified, due to dependence on the usage. Contact an authorized waste disposal service.

Properties of waste which render it hazardous (Annex III, Directive 2008/98/EC):

N.A.

SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number or ID number

N/A

14.2. UN proper shipping name

ADR-Shipping Name: N/A

IATA-Shipping Name: N/A

IMDG-Shipping Name: N/A

14.3. Transport hazard class(es)

ADR-Class: N/A

IATA-Class: N/A

IMDG-Class: N/A

14.4. Packing group

ADR-Packing Group: N/A

IATA-Packing group: N/A

IMDG-Packing group: N/A

14.5. Environmental hazards

Marine pollutant: No
Environmental Pollutant: No
IMDG-EMS: N/A

14.6. Special precautions for user

Road and Rail (ADR-RID):

ADR-Label: N/A
ADR - Hazard identification number: N/A
ADR-Special Provisions: N/A
ADR-Transport category (Tunnel restriction code): N/A
ADR Limited Quantities: N/A
ADR Excepted Quantities: N/A

Air (IATA):

IATA-Passenger Aircraft: N/A
IATA-Cargo Aircraft: N/A
IATA-Label: N/A
IATA-Subsidiary hazards: N/A
IATA-Erg: N/A
IATA-Special Provisions: N/A

Sea (IMDG):

IMDG-Stowage and handling: N/A
IMDG-Segregation: N/A
IMDG-Subsidiary hazards: N/A
IMDG-Special Provisions: N/A

14.7. Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: Regulatory information

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

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EU) n. 2020/878

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Regulation (EU) n. 2015/1221 (ATP 7 CLP)

Regulation (EU) n. 2016/918 (ATP 8 CLP)

Regulation (EU) n. 2016/1179 (ATP 9 CLP)

Regulation (EU) n. 2017/776 (ATP 10 CLP)

Regulation (EU) n. 2018/669 (ATP 11 CLP)

Regulation (EU) n. 2018/1480 (ATP 13 CLP)

Regulation (EU) n. 2019/521 (ATP 12 CLP)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 CLP)

Regulation (EU) n. 2021/849 (ATP 17 CLP)

Regulation (EU) n. 2022/692 (ATP 18 CLP)

Regulation (EU) n. 2023/707

Regulation (EU) n. 2023/1434 (ATP 19 CLP)

Regulation (EU) n. 2023/1435 (ATP 20 CLP)

Regulation (EU) n. 2024/197 (ATP 21 CLP)

Regulation (EU) n. 2024/2564 (ATP 22 CLP)

Regulation (EU) n. 2024/2865

Regulation (EU) n. 2025/1222 (ATP 23 CLP)

Regulation (EC) nr 648/2004 (Detergents).

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product: None.

Restrictions related to the substances contained: 75

Provisions related to directive EU 2012/18 (Seveso III):

None

Explosives precursors – Regulation 2019/1148

No substances listed

Regulation (EU) No 649/2012 (PIC regulation)

No substances listed

German Water Hazard Class.

NWG: Not hazardous for water

German Lagerklasse according to TRGS 510:

LGK 11

SVHC Substances:

No SVHC substances present in concentration $\geq 0.1\%$

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

BCF: Biological Concentration Factor

BEI: Biological Exposure Index

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CAV: Poison Center

CE: European Community

CLP: Classification, Labeling, Packaging.

CMR: Carcinogenic, Mutagenic and Reprotoxic

COD: Chemical Oxygen Demand

COV: Volatile Organic Compound

CSA: Chemical Safety Assessment

CSR: Chemical Safety Report

DMEL: Derived Minimal Effect Level

DNEL: Derived No Effect Level.

DPD: Dangerous Preparations Directive

DSD: Dangerous Substances Directive

EC50: Half Maximal Effective Concentration

ECHA: European Chemicals Agency

EINECS: European Inventory of Existing Commercial Chemical Substances.

ES: Exposure Scenario

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IARC: International Agency for Research on Cancer

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

IC50: half maximal inhibitory concentration

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

IRCCS: Scientific Institute for Research, Hospitalization and Health Care

KAFH: Keep Away From Heat

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

LDLo: Leathal Dose Low

N.A.: Not Applicable

N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.
WGK: German Water Hazard Class.

Paragraphs modified from the previous revision:

- Safety Data Sheet
- SECTION 1: Identification of the substance/mixture and of the company/undertaking
- SECTION 2: Hazards identification
- SECTION 3: Composition/information on ingredients
- SECTION 7: Handling and storage
- SECTION 8: Exposure controls/personal protection
- SECTION 9: Physical and chemical properties
- SECTION 11: Toxicological information
- SECTION 13: Disposal considerations
- SECTION 14: Transport information
- SECTION 15: Regulatory information