**Safety Data Sheet**

Skladno z Uredbo ES št. 1907/2006 (REACH), Člen 31, Priloga II, kot spremenjeno z Uredbo Komisije (EU) št. 2020/878

**RASOBUILD ECO STUCCO RP**

Date of first edition: 2. 12. 2022

Safety Data Sheet dated 09/11/2026 version 6

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

### 1.1. Product identifier

Mixture identification:

Trade name: RASOBUILD ECO STUCCO RP

Trade code: K02080 40

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

Recommended use: Polnilna snov

Uses advised against: Uporabe, ki niso priporočene

### 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

112 v primeru zastrupitve v sil/ in case of emergency poisoning

## 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:**

EUH208 Contains 1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazolin-3-on. May produce an allergic reaction.

EUH208 Contains reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

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

Nobena

### 2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

Other Hazards: No other hazards

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

N.A.

### 3.2. Mixtures

Mixture identification: RASOBUILD ECO STUCCO RP

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

| Qty | Name | Ident. Numb. | Classification | Registration Number |
|---|---|---|---|---|
| <0.01 % | 1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazolin-3-on | CAS:2634-33-5 EC:220-120-9 Index:613-088-00-6 | Acute Tox. 2, H330; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Skin Sens. 1A, | |

| | | | |
|---|---|---|---|
| | | | H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410, M-Chronic:1, M-Acute:1<br><br>Specific Concentration Limits:<br>C ≥ 0.036%: Skin Sens. 1A H317<br><br>Acute Toxicity Estimate:<br>ATE - Oral: 450mg/kg bw<br>ATE - Inhalation (Dust/mist): 0.21mg/l |
| <0.0015 % | reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1) | CAS:55965-84-9<br>Index:613-167-00-5 | Acute Tox. 2, H330; Acute Tox. 2, H310; Acute Tox. 3, H301; Skin Corr. 1C, H314; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410, M-Chronic:100, M-Acute:100, EUH071<br><br>Specific Concentration Limits:<br>C ≥ 0.6%: Skin Corr. 1C H314<br>0.06% ≤ C < 0.6%: Skin Irrit. 2 H315<br>C ≥ 0.6%: Eye Dam. 1 H318<br>0.06% ≤ C < 0.6%: Eye Irrit. 2 H319<br>C ≥ 0.0015%: Skin Sens. 1A H317 |

## 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 ($CO_2$).

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

Industrial sector specific solutions:

None in particular

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Community Occupational Exposure Limits (OEL)**

Limestone

| | | |
|---|---|---|
| CAS: 1317-65-3 | NATION Belgija AL | Long Term: 10 mg/m3<br>Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1 |
| | NATION Bolgarija AL | Long Term: 10 mg/m3<br>Source: НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. |
| | NATION Švicar AL | Long Term: 3 mg/m3<br>Notes: (1) respirable aerosol<br>Source: suva.ch/valeurs-limites |
| | NATION Španija AL | Long Term: 10 mg/m3<br>Notes: (1) inhalable aerosol<br>Source: LEP 2022 |
| | NATION Estonija AL | Long Term: 10 mg/m3<br>Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105<br><br>Long Term: 5 mg/m3<br>Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105 |
| | NATION Grčija AL | Long Term: 10 mg/m3<br>Notes: εισπν.<br>Source: ΦΕΚ 94/Α` 13.5.1999<br><br>Long Term: 5 mg/m3<br>Notes: αναπν.<br>Source: ΦΕΚ 94/Α` 13.5.1999 |
| | NATION Madžarska AL | Long Term: 10 mg/m3<br>Notes: N<br>Source: 5/2020. (II. 6.) ITM rendelet |
| | NATION Irska AL | Long Term: 10 mg/m3<br>Source: 2021 Code of Practice |

| | | | |
|---|---|---|---|
| | | | Long Term: 4 mg/m3<br>Source: 2021 Code of Practice |

Calcium Carbonate

| | | | |
|---|---|---|---|
| CAS: 471-34-1 | NATIONAL | Francija | Long Term: 10 mg/m3<br>Source: INRS outil65 |
| | NATIONAL | Hrvaška | Long Term: 10 mg/m3<br>Notes: U<br>Source: NN 1/2021 |
| | | | Long Term: 4 mg/m3<br>Notes: R<br>Source: NN 1/2021 |
| | NATIONAL | Madžarska | Long Term: 10 mg/m3<br>Notes: inhalable aerosol<br>Source: 5/2020. (II. 6.) ITM |
| | NATIONAL | Irska | Long Term: 10 mg/m3<br>Notes: Inhalable fraction<br>Source: 2021 Code of Practice |
| | | | Long Term: 4 mg/m3<br>Notes: Respirable fraction<br>Source: 2021 Code of Practice |
| | NATIONAL | Latvija | Long Term: 6 mg/m3<br>Source: KN325P1 |
| | NATIONAL | Poljska | Long Term: 10 mg/m3<br>Notes: 4)<br>Source: Dz.U. 2018 poz. 1286 |
| | SUVA | Švicar | Long Term: 3 mg/m3<br>Notes: TWA mg/m3: (a), Formel / Formal, NIOSH<br>Source: suva.ch/valeurs-limites |

3-aminopropiltrietoksisilan

| | | | |
|---|---|---|---|
| CAS: 919-30-2 | NATIONAL | Finska | Long Term: 28 mg/m3 - 3 ppm; Short Term: 55 mg/m3 - 6 ppm<br>Source: HTP-ARVOT 2020 |

Sodium chloride

| | | | |
|---|---|---|---|
| CAS: 7647-14-5 | NATIONAL | Litva | Long Term: 5 mg/m3<br>Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389 |
| | NATIONAL | Latvija | Long Term: 5 mg/m3<br>Source: KN325P1 |

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

| | | | |
|---|---|---|---|
| CAS: 55965-84-9 | NATIONAL | Avstrija | Long Term: 0.05 mg/m3<br>Notes: MAK, Sh<br>Source: GKV, BGBl. II Nr. 156/2021 |
| | NATIONAL | Nemčija | Long Term: 0.2 mg/m3; Short Term: 0.4 mg/m3<br>Notes: DFG; Long term and short term: inhalable fraction<br>Source: TRGS900 |
| | SUVA | Švicar | Long Term: 0.2 mg/m3; Short Term: 0.4 mg/m3<br>Notes: TWA mg/m3: (i), S, SSC, VRS Peau Yeux / OAW Haut Auge<br>Source: suva.ch/valeurs-limites |

**Predicted No Effect Concentration (PNEC) values**

1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazolin-3-on

| | |
|---|---|
| CAS: 2634-33-5 | Exposure Route: Fresh Water; PNEC Limit: 4.03 mg/m3 |
| | Exposure Route: Intermittent releases (fresh water); PNEC Limit: 1.1 mg/m3 |
| | Exposure Route: Marine water; PNEC Limit: 403 ng/L |
| | Exposure Route: Intermittent releases (marine water); PNEC Limit: 110 ng/L |
| | Exposure Route: Mikroorganizmi v čiščenju odplak; PNEC Limit: 1.03 mg/l |
| | Exposure Route: Freshwater sediments; PNEC Limit: 49.9 µg/kg |
| | Exposure Route: Usedline morske vode; PNEC Limit: 4.99 µg/kg |

Exposure Route: Zemlja; PNEC Limit: 3 mg/kg

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 Exposure Route: Fresh Water; PNEC Limit: 3.39 mg/m3

Exposure Route: Intermittent releases (fresh water); PNEC Limit: 3.39 mg/m3

Exposure Route: Marine water; PNEC Limit: 3.39 mg/m3

Exposure Route: Intermittent releases (marine water); PNEC Limit: 3.39 mg/m3

Exposure Route: Mikroorganizmi v čiščenju odplak; PNEC Limit: 230 mg/m3

Exposure Route: Freshwater sediments; PNEC Limit: 27 mg/m3

Exposure Route: Usedline morske vode; PNEC Limit: 27 mg/m3

Exposure Route: Zemlja; PNEC Limit: 10 mg/m3

**Derived No Effect Level (DNEL) values**

1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazolin-3-on

CAS: 2634-33-5 Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
Worker Professional: 6.81 mg/kg/day; Consumer: 1.2 mg/kg/day

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
Worker Professional: 966 µg/kg; Consumer: 345 µg/kg

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 Exposure Route: Human Inhalation; Exposure Frequency: Long Term, local effects
Worker Professional: 20 µg/m³; Consumer: 20 µg/m³

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects
Worker Professional: 40 µg/m³; Consumer: 20 µg/m³

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects
Consumer: 90 µg/kg

Exposure Route: Human Oral; Exposure Frequency: Short Term, systemic effects
Consumer: 110 µg/kg

**8.2. Exposure controls**

Eye protection:

Očala s stransko zaščito.(EN166)

Protection for skin:

Kemična zaščitna oblačila.

Protection for hands:

Nitrilkavčuk.

Respiratory protection:

N.A.

Thermal Hazards:

Ni predvideno, če se uporablja, kot je predvideno

Environmental exposure controls:

Ne dovolite, da izdelek pride v kanalizacijo ali v površinske ali podzemne vode.

## SECTION 9: Physical and chemical properties

**9.1. Information on basic physical and chemical properties**

| | |
|---|---|
| Physical state: | Liquid |
| Colour: | whitish |
| Odour: | lahek |
| pH: | =6.00<br>Method: OECD 122 |
| Kinematic viscosity: | N.A. |
| Melting point/freezing point: | N.A. |
| Boiling point or initial boiling point and boiling range: | 100 °C (212 °F) |
| Flash point: | Not applicable |
| Lower and upper explosion limit: | Not Relevant |

| | |
|---|---|
| | Notes: Se ne uporablja, ker zmes ni vnetljiva |
| Relative vapour density: | N.A. |
| Vapour pressure: | N.A. |
| Density and/or relative density: | 1.70 g/cm3 |
| Solubility in water: | Topno |
| Solubility in oil: | Not Relevant<br>Notes: Ni določeno, ker ni potrebno za CLP-razvrstitev |
| Partition coefficient n-octanol/water (log value): | Not Relevant<br>Notes: Ni uporabljivo za zmesi |
| Auto-ignition temperature: | Not Relevant<br>Notes: Se ne uporablja, ker zmes ni vnetljiva |
| Decomposition temperature: | Not Relevant<br>Notes: Ni uporabljivo, ker zmes ni samoreaktivna |
| Flammability: | Not Relevant<br>Notes: Se ne uporablja, ker zmes ni vnetljiva |
| Volatile Organic compounds - VOCs = | 0.00%; 0.00g/L |
| **Particle characteristics:** | |
| Particle size: | N.A. |

**9.2. Other information**

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<br>Based on available data, the classification criteria are not met |
| b) skin corrosion/irritation | Not classified<br>Based on available data, the classification criteria are not met |
| c) serious eye damage/irritation | Not classified<br>Based on available data, the classification criteria are not met |
| d) respiratory or skin sensitisation | Not classified<br>Based on available data, the classification criteria are not met |
| e) germ cell mutagenicity | Not classified<br>Based on available data, the classification criteria are not met |
| f) carcinogenicity | Not classified<br>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 |

**Toxicological information on main components of the mixture:**

1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazolin-3-on

| | | |
|---|---|---|
| CAS: 2634-33-5 | a) acute toxicity | ATE - Oral: 450 mg/kg bw |
| | | ATE - Inhalation (Dust/mist): 0.21 mg/l |
| | | LD50 Oral Rat = 670 mg/kg |
| | | LD50 Skin Rat > 2000 mg/kg |
| | b) skin corrosion/irritation | Skin Irritant Rabbit Negative |
| | c) serious eye damage/irritation | Eye Corrosive Positive |
| | d) respiratory or skin sensitisation | Skin Sensitization Guineapig Positive |
| | f) carcinogenicity | Genotoxicity Rat Negative |
| | g) reproductive toxicity | No Observed Adverse Effect Level Oral Rat = 112 mg/kg |

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

| | | |
|---|---|---|
| CAS: 55965-84-9 | a) acute toxicity | LD50 Oral Rat = 69 mg/kg |
| | | LD50 Skin Rabbit = 141 mg/kg |
| | | LC50 Inhalation Rat = 0.33 mg/l 4h |
| | b) skin corrosion/irritation | Skin Irritant Rabbit Positive |
| | c) serious eye damage/irritation | Eye Corrosive Rabbit Positive |
| | d) respiratory or skin sensitisation | Skin Sensitization Positive |
| | f) carcinogenicity | Genotoxicity Negative |
| | | Carcinogenicity Skin Negative |
| | g) reproductive toxicity | No Observed Adverse Effect Level Oral Rat = 22.7 mg/kg |

### 11.2. Information on other hazards

**Endocrine disrupting properties:**

No endocrine disruptor substances present in concentration >= 0.1%

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## 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

**List of Eco-Toxicological properties of the components**

1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazolin-3-on

| | |
|---|---|
| CAS: 2634-33-5 | a) Aquatic acute toxicity: LC50 Fish Oncorynchus mykiss = 2.15 mg/L 96h |
| | a) Aquatic acute toxicity: EC50 Daphnia Daphnia magna = 2.9 mg/L 48h |
| | a) Aquatic acute toxicity: EC50 Algae green alga Selenastrum capricornutum freshwater algae = 110 µg/L |
| | d) Terrestrial toxicity: EC50 Worm Eisenia fetida > 410.6 mg/kg |
| | d) Terrestrial toxicity: EC10 soil microorganisms = 263.7 mg/kg |
| | a) Aquatic acute toxicity: NOEC Sludge activated sludge 10.3 mg/L 3h |
| | e) Plant toxicity: LC50 Triticum aestivum = 200 mg/kg |

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 a) Aquatic acute toxicity: LC50 Fish Oncorhynchus mykiss = 0.19 mg/L 96h

b) Aquatic chronic toxicity: NOEC Fish Danio rerio = 0.02 mg/L

a) Aquatic acute toxicity: LC50 Daphnia Daphnia magna = 0.16 mg/L 48h

b) Aquatic chronic toxicity: NOEC Daphnia Daphnia magna = 0.1 mg/L

a) Aquatic acute toxicity: EC50 Algae Skeletonema costatum = 0 mg/L 96h

a) Aquatic acute toxicity: EC50 Sludge activated sludge = 4.5 mg/L 3h

d) Terrestrial toxicity: LC50 Worm Eisenia fetida = 613 mg/kg

e) Plant toxicity: NOEC Trifolium pratense, Oryza sativa, Brassica napus = 1000 mg/L

**12.2. Persistence and degradability**

1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazolin-3-on

CAS: 2634-33-5 Non-readily biodegradable Test: CO2 production
Notes: OECD Guideline 301C

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 Non-readily biodegradable

**12.3. Bioaccumulative potential**

1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazolin-3-on

CAS: 2634-33-5 Bioaccumulative Test: BCF - Bioconcentrantion factor; Value: 6.62

reakcijska zmes 5-kloro-2-metil-2h-izotiazol-3-ona in 2-metil-2h-izotiazol-3-ona (3:1)

CAS: 55965-84-9 Bioaccumulative Test: BCF - Bioconcentrantion factor; Value: 54
Notes: ≤ 54

**12.4. Mobility in soil**

N.A.

**12.5. Results of PBT and vPvB assessment**

Ni sestavine PBT/vPvB.

**12.6. Endocrine disrupting properties**

No endocrine disruptor substances present in concentration >= 0.1%

**12.7. Other adverse effects**

N.A.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

Če je mogoče, predelajte. Ravnajte se po lokalnih in državnih normah. Odstranjevanje z izpustom v odpadne vode ni dovoljeno

Odstranjeni izdelek mora biti v skladu z Uredbo (EU) 1357/2014 razvrščen kot nenevaren odpadek

Šifre odpadkov v skladu z Evropski seznam odpadkov (ESO) ni mogoče določiti zaradi odvisnosti od uporabe. Obrnite se na pooblaščeno službo za odstranjevanje odpadkov.

**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.

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## 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).

Omejitve, povezane z izdelkom ali vsebovanimi snovmi, v skladu s Prilogo XVII Uredbe (ES) 1907/2006 (REACH) in poznejše spremembe:

Restrictions related to the product: Nobena

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 10

SVHC Substances:

No SVHC substances present in concentration >= 0.1%

**15.2. Chemical safety assessment**

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

## SECTION 16: Other information

| Code | Description |
|---|---|
| EUH071 | Corrosive to the respiratory tract. |
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H310 | Fatal in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H330 | Fatal if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

| Code | Hazard class and hazard category | Description |
|---|---|---|
| 3.1/2/Dermal | Acute Tox. 2 | Acute toxicity (dermal), Category 2 |
| 3.1/2/Inhal | Acute Tox. 2 | Acute toxicity (inhalation), Category 2 |
| 3.1/3/Oral | Acute Tox. 3 | Acute toxicity (oral), Category 3 |
| 3.1/4/Oral | Acute Tox. 4 | Acute toxicity (oral), Category 4 |
| 3.2/1C | Skin Corr. 1C | Skin corrosion, Category 1C |
| 3.2/2 | Skin Irrit. 2 | Skin irritation, Category 2 |
| 3.3/1 | Eye Dam. 1 | Serious eye damage, Category 1 |
| 3.3/2 | Eye Irrit. 2 | Eye irritation, Category 2 |
| 3.4.2/1A | Skin Sens. 1A | Skin Sensitisation, Category 1A |
| 4.1/A1 | Aquatic Acute 1 | Acute aquatic hazard, category 1 |
| 4.1/C1 | Aquatic Chronic 1 | Chronic (long term) aquatic hazard, category 1 |

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 8: Exposure controls/personal protection
- SECTION 9: Physical and chemical properties
- SECTION 11: Toxicological information
- SECTION 12: Ecological information
- SECTION 15: Regulatory information
- SECTION 16: Other information