

Safety Data Sheet

ULTRACARE STAIN REMOVER

Safety Data Sheet dated: 31/05/2023 - version 1



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

1.1. Product identifier

Mixture identification:

Trade name: ULTRACARE STAIN REMOVER

Trade code: 9001522

UFI: JX63-20XM-500T-NFAA

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

Recommended use: Čistilo

Uses advised against: Podatki niso na voljo

1.3. Details of the supplier of the safety data sheet

Company: Mapei Slovenia Doo

Kočevarjeva 2, Novo Mesto, Slovenia

Tel: +386-1-7865050/51 - Fax: +386-1-7865055

Responsible: mapei@mapei.si

1.4. Emergency telephone number

CORS – Center za obveščanje Republike Slovenije – Tel. 112

SECTION 2: Hazards identification



2.1. Classification of the substance or mixture

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

Skin Corr. 1B Povzročča hude opekline kože in poškodbe oči.

Eye Dam. 1 Povzročča hude poškodbe oči.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Regulation (EC) No 1272/2008 (CLP):

Piktogrami in Opozorilna beseda



Nevarno

Opozorila o nevarnosti:

H314 Povzročča hude opekline kože in poškodbe oči.

Previdnostni nasveti:

P280 Nadenite si zaščitne rokavice/obleke ter zaščitite oči/obraz.

P301+P330+P333 PRI ZAUŽITJU: Izprati usta. Ne izzivati bruhanja.

1

P303+P361+P353 PRI STIKU S KOŽO (ali lasmi): Takoj sleči vsa kontaminirana oblačila. Kožo izprati z vodo ali prho.

3

P304+P340 PRI VDIHAVANJU: Prenesti osebo na svež zrak in jo pustiti v udobnem položaju, ki olajša dihanje.

P305+P351+P338 PRI STIKU Z OČMI: Previdno izpirati z vodo nekaj minut. Odstranite kontaktne leče, če jih imate in če to lahko storite brez težav. Nadaljujte z izpiranjem.

8

P310 Takoj pokličite CENTER ZA ZASTRUPITVE.

P501 Odstranite vsebino/posodo v skladu z veljavnimi predpisi.

Special Provisions:

EUH208 Vsebuje 1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazol-3(2H)-on. Lahko povzroči alergijski odziv

EUH208 Vsebuje zmes 5-kloro-2-metil-2H-izotiazol-3-ona (EINECS 247-500-7) in 2-metil-2H-izotiazol-3-ona (EINECS 220-239-6) (zmes CMIT/MIT). Lahko povzroči alergijski odziv

Vsebuje:

natrijev hidroksid; kaustična soda

2-aminoetanol

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

Nobena

2.3. Other hazardsNo 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**

Not Relevant

3.2. Mixtures

Mixture identification: ULTRACARE STAIN REMOVER

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

| Koncentracija (%) w/w | Name | Ident. Numb. | Classification | Registration Number |
|--------------------------|---|--|--|-----------------------|
| $\geq 2.5 - < 5\%$ | natrijev hidroksid; kaustična soda | CAS:1310-73-2 EC:215-185-5 Index:011-002-00-6 | Skin Corr. 1A, H314 Met. Corr. 1, H290 Specific Concentration Limits: 5% \leq C < 100%: Skin Corr. 1A H314 2% \leq C < 5%: Skin Corr. 1B H314 0.5% \leq C < 2%: Skin Irrit. 2 H315 0.5% \leq C < 2%: Eye Irrit. 2 H319 | 01-2119457892-27-XXXX |
| $\geq 1 - < 2.5\%$ | tetrapotassium pyrophosphate | CAS:7320-34-5 EC:230-785-7 | Eye Irrit. 2, H319 | 01-2119489369-18-XXXX |
| $\geq 1 - < 2.5\%$ | 2-aminoetanol | CAS:141-43-5 EC:205-483-3 Index:603-030-00-8 | Skin Corr. 1B, H314 STOT SE 3, H335 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Aquatic Chronic 3, H412 Specific Concentration Limits: 5% \leq C < 100%: STOT SE 3 H335 | 01-2119486455-28-XXXX |
| $\geq 0.49 - < 1\%$ | 1-methoxy-2-propanol | CAS:107-98-2 EC:203-539-1 Index:603-064-00-3 | Flam. Liq. 3, H226; STOT SE 3, H336 | 01-2119457435-35-XXXX |
| $\geq 0.1 - < 0.25\%$ | free crystalline silica ($\varnothing < 10 \mu$) | CAS:14808-60-7 EC:238-878-4 | STOT RE 1, H372 | |
| $\geq 0.016 - < 0.025\%$ | 1,2-benzizotiazol-3(2H)-on; 1,2-benzizotiazol-3(2H)-on | CAS:2634-33-5 EC:220-120-9 Index:613-088-00-6 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Acute Tox. 4, H302 Skin Sens. 1, H317 Aquatic Chronic 2, H411 Specific Concentration Limits: C \geq 0.05%: Skin Sens. 1 H317 | |
| $< 0.0015\%$ | zmes 5-kloro-2-metil-2H-izotiazol-3-ona (EINECS 247-500-7) in 2-metil-2H-izotiazol-3-ona (EINECS 220-239-6) (zmes CMIT/MIT) | CAS:55965-84-9 EC:611-341-5 Index:613-167-00-5 | Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Acute Tox. 3, H301 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Acute Tox. 2, H310 Acute Tox. 2, H330 Eye Dam. 1, H318, M-Chronic:100, M-Acute:100 Specific Concentration Limits: C \geq 0.6%: Skin Corr. 1C H314 0.06% \leq C < 0.6%: Skin Irrit. 2 | |

H315
C ≥ 0.6%: Eye Dam. 1 H318
0.06% ≤ C < 0.6%: Eye Irrit. 2
H319
C ≥ 0.0015%: Skin Sens. 1A H317

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.
OBTAIN IMMEDIATE MEDICAL ATTENTION.
Remove contaminated clothing immediately and dispose of safely.
After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
Protect uninjured eye.

In case of Ingestion:

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

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

Eye irritation
Eye damages
Skin Irritation
Erythema

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

(glej odstavek 4.1)

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.

5.3. Advice for firefighters

Use suitable breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove persons to safety.

6.2. Environmental precautions

Preprečite vstop v tla/podtalnico. Preprečite razlitje v površinske vode ali v kanalizacijo.
Zadržite izlito snov z zemljo ali peskom.

6.3. Methods and material for containment and cleaning up

Mehansko pobrati in odstraniti v skladu z lokalnimi / državnimi predpisi
Shranite v posodo in jo pred odlaganjem dobro zatesnite.
Retain contaminated washing water and dispose it.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preprečite stik s kožo in očmi, vdihavanje hlapov in megle.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Hranite stran od hrane, pijač in krme.

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)

| | OEL Type | Država | Occupational Exposure Limit |
|---|--------------------|-----------------|---|
| natrijev hidroksid; kaustična soda CAS: 1310-73-2 | NDS | | Long Term: 0.5 mg/m ³ |
| | NDSCh | | Long Term: 1 mg/m ³ |
| | National ŠVEDSKA | | Ceiling - Long Term: 1 mg/m ³ ; Short Term: 2 mg/m ³ SWEDEN, Ceiling limit value |
| | National FINSKA | | Short Term: 2 mg/m ³ FINLAND, takvärde |
| | National NORVEŠKA | | Long Term: 2 mg/m ³ NORWAY, T |
| | ACGIH | | Ceiling - Short Term: 2 mg/m ³ URT, eye, and skin irr |
| | National NORVEŠKA | | Long Term: 2 mg/m ³ ; Short Term: 2 mg/m ³ |
| | ACGIH | | Ceiling - Short Term: 2 mg/m ³ |
| | ACGIH | | eye, skin and upper respiratory tract irritation |
| | National ŠVEDSKA | | Long Term: 1 mg/m ³ |
| | National FRANCIJA | | Long Term: 2 mg/m ³ |
| | National ŠPANIJA | | Short Term: 2 mg/m ³ |
| | National GRČIJA | | Long Term: 2 mg/m ³ ; Short Term: 2 mg/m ³ |
| | National DANSKA | | Ceiling - Short Term: 2 mg/m ³ |
| | National FINSKA | | Ceiling - Short Term: 2 mg/m ³ |
| | National NORVEŠKA | | Ceiling - Short Term: 2 mg/m ³ |
| | NDS | POLJSKA | Long Term: 0.5 mg/m ³ |
| | NDSCh | POLJSKA | Short Term: 1 mg/m ³ |
| | CHE | ŠVICA | Short Term: 2 mg/m ³ |
| | National ČEŠKA | | Long Term: 1 mg/m ³ |
| | National MADŽARSKA | | Long Term: 2 mg/m ³ ; Short Term: 2 mg/m ³ |
| | Malaysi a OEL | MALAZIJA | Ceiling - Short Term: 2 mg/m ³ |
| | National | PORTUGALSK A | Ceiling - Short Term: 2 mg/m ³ |
| | National | ESTONIJA | Long Term: 1 mg/m ³ ; Short Term: 2 mg/m ³ |
| | National | LATVIJA | Long Term: 0.5 mg/m ³ |
| | National | ČEŠKA | Ceiling - Short Term: 2 mg/m ³ |

2-aminoetanol
CAS: 141-43-5

| | |
|---------------------------------|---|
| National SLOVAŠKA | Long Term: 2 mg/m ³ |
| National SLOVENIJA | Long Term: 2 mg/m ³ ; Short Term: 2 mg/m ³ |
| National ZDRUŽENO KRALJESTVO | Short Term: 2 mg/m ³ |
| National BOLGARIJA | Long Term: 2 mg/m ³ |
| National LITVA | Ceiling - Short Term: 2 mg/m ³ |
| National HRVAŠKA | Short Term: 2 mg/m ³ |
| National NORVEŠKA | Long Term: 2.5 mg/m ³ - 1 ppm H E |
| NDS | Long Term: 2.5 mg/m ³ |
| NDSCh | Long Term: 7.5 mg/m ³ |
| National ŠVEDSKA | Long Term: 8 mg/m ³ - 3 ppm; Short Term: 15 mg/m ³ - 6 ppm SWEDEN, Short-term value, 15 minutes average value |
| National FINSKA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm FINLAND, hud |
| EU | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm Skin |
| ACGIH | Long Term: 3 ppm; Short Term: 6 ppm Eye and skin irr |
| DFG NEMČIJA | Ceiling - Short Term: 0.51 mg/m ³ - 0.2 ppm |
| ACGIH | Long Term: 3 ppm; Short Term: 6 ppm eye and skin irritation |
| EU | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm Behaviour Informativen Possibility of significant uptake through the skin |
| National DANSKA | Long Term: 2.5 mg/m ³ - 1 ppm |
| National NEMČIJA | Long Term: 0.5 mg/m ³ - 0.2 ppm |
| National PORTUGALSK A | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| NDS POLJSKA | Long Term: 2.5 mg/m ³ |
| NDSCh POLJSKA | Short Term: 7.5 mg/m ³ |
| NDS NIZOZEMSKA | Long Term: 2.5 mg/m ³ ; Short Term: 7.6 mg/m ³ |
| National ČEŠKA | Long Term: 2.5 mg/m ³ |
| National MADŽARSKA | Long Term: 2.5 mg/m ³ ; Short Term: 7.6 mg/m ³ |
| National ČEŠKA | Ceiling - Short Term: 7.5 mg/m ³ |
| National SLOVAŠKA | Ceiling - Short Term: 7.6 mg/m ³ |
| National ROMUNIJA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| National LITVA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| ACGIH | Long Term: 3 ppm; Short Term: 6 ppm eye and skin irritation |
| National ŠVEDSKA | Long Term: 2.5 mg/m ³ - 1 ppm |
| EU | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm Behaviour Informativen Possibility of significant uptake through the skin |
| National FRANCIJA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| National ŠPANIJA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.5 mg/m ³ - 3 ppm |
| National GRČIJA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| National FINSKA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| National NORVEŠKA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 5 mg/m ³ - 2 ppm |
| National BELGIJA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| CHE ŠVICA | Short Term: 10 mg/m ³ - 4 ppm |
| Malaysi a OEL | MALAZIJA Long Term: 7.5 mg/m ³ - 3 ppm |
| National ESTONIJA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |

1-methoxy-2-propanol
CAS: 107-98-2

| | |
|---------------------------------|---|
| National LATVIJA | Long Term: 0.5 mg/m ³ - 0.2 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| National SLOVAŠKA | Long Term: 2.5 mg/m ³ - 1 ppm |
| National SLOVENIJA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| National ZDRUŽENO KRALJESTVO | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| National BOLGARIJA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| TUR TURČIJA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| National HRVAŠKA | Long Term: 2.5 mg/m ³ - 1 ppm; Short Term: 7.6 mg/m ³ - 3 ppm |
| SUVA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| National ŠVEDSKA | Long Term: 190 mg/m ³ - 50 ppm; Short Term: 300 mg/m ³ - 75 ppm SWEDEN, Short-term value, 15 minutes average value |
| National FINSKA | Long Term: 370 mg/m ³ - 100 ppm; Short Term: 560 mg/m ³ - 150 ppm FINLAND, hud |
| National NORVEŠKA | Long Term: 180 mg/m ³ - 50 ppm NORWAY, H |
| NDS | Long Term: 180 mg/m ³ |
| NDSCh | Long Term: 360 mg/m ³ |
| National NORVEŠKA | Long Term: 185 mg/m ³ - 50 ppm; Short Term: 370 mg/m ³ - 100 ppm |
| EU | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 563 mg/m ³ - 150 ppm Skin |
| ACGIH | Long Term: 50 ppm; Short Term: 100 ppm A4 - Eye and URT irr |
| DFG NEMČIJA | Ceiling - Short Term: 740 mg/m ³ - 200 ppm |
| ACGIH | Long Term: 50 ppm; Short Term: 100 ppm A4 - Not Classifiable as a Human Carcinogen; eye and upper respiratory tract irritation |
| National ŠVEDSKA | Long Term: 190 mg/m ³ - 50 ppm |
| National FRANCIJA | Long Term: 188 mg/m ³ - 50 ppm; Short Term: 375 mg/m ³ - 100 ppm |
| National ŠPANIJA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| National GRČIJA | Long Term: 360 mg/m ³ - 100 ppm; Short Term: 1080 mg/m ³ - 300 ppm |
| National DANSKA | Long Term: 185 mg/m ³ - 50 ppm |
| National FINSKA | Long Term: 370 mg/m ³ - 100 ppm; Short Term: 560 mg/m ³ - 150 ppm |
| National NEMČIJA | Long Term: 370 mg/m ³ - 100 ppm |
| National PORTUGALSK A | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| National NORVEŠKA | Long Term: 180 mg/m ³ - 50 ppm; Short Term: 225 mg/m ³ - 75 ppm |
| National BELGIJA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| NDS POLJSKA | Long Term: 180 mg/m ³ |
| NDSCh POLJSKA | Short Term: 360 mg/m ³ |
| CHE ŠVICA | Short Term: 720 mg/m ³ - 200 ppm |
| NDS NIZOZEMSKA | Long Term: 375 mg/m ³ ; Short Term: 563 mg/m ³ |
| National ČEŠKA | Long Term: 270 mg/m ³ |
| National MADŽARSKA | Long Term: 375 mg/m ³ ; Short Term: 568 mg/m ³ |
| Malaysi a OEL | Long Term: 369 mg/m ³ - 100 ppm |
| National ESTONIJA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| National LATVIJA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| National ČEŠKA | Ceiling - Short Term: 550 mg/m ³ |
| National SLOVAŠKA | Ceiling - Short Term: 568 mg/m ³ |
| National SLOVAŠKA | Long Term: 375 mg/m ³ - 100 ppm |
| National SLOVENIJA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 562.5 mg/m ³ - 150 ppm |
| National ZDRUŽENO KRALJESTVO | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 560 mg/m ³ - 150 ppm |
| National BOLGARIJA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |

| | |
|--|--|
| National ROMUNIJA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| TUR TURČIJA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| National LITVA | Long Term: 190 mg/m ³ - 50 ppm; Short Term: 300 mg/m ³ - 75 ppm |
| National HRVAŠKA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| EU | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm Behaviour Informativen Possibility of significant uptake through the skin |
| National BELGIJA | Long Term: 184 mg/m ³ - 50 ppm; Short Term: 369 mg/m ³ - 100 ppm |
| National SLOVENIJA | Long Term: 375 mg/m ³ - 100 ppm; Short Term: 568 mg/m ³ - 150 ppm |
| free crystalline silica (Ø <10 μ) CAS: 14808-60-7 | ACGIH Long Term: 0.025 mg/m ³ A2 - Suspected Human Carcinogen;lung cancer;pulmonary fibrosis |
| National ARGENTINA | Long Term: 0.05 mg/m ³ |
| National AVSTRALIJA | Long Term: 0.1 mg/m ³ |
| National AVSTRIJA | Long Term: 0.15 mg/m ³ A* |
| National BELGIJA | Long Term: 0.1 mg/m ³ |
| National BOLGARIJA | Long Term: 0.07 mg/m ³ |
| National HRVAŠKA | Long Term: 0.1 mg/m ³ |
| National ČEŠKA | Long Term: 0.1 mg/m ³ |
| National DANSKA | Long Term: 0.1 mg/m ³ ; Short Term: 0.2 mg/m ³ Respirabel fraktion, respirable fraction E: Stoffet har en EU-grænseværdi. K: Stoffet anses for at kunne være kræftfremkaldende. |
| National DANSKA | Long Term: 0.3 mg/m ³ ; Short Term: 0.6 mg/m ³ Total dust |
| National ESTONIJA | Long Term: 0.1 mg/m ³ |
| National FINSKA | Long Term: 0.05 mg/m ³ Respirabel fraktion. Respirable fraction |
| National FRANCIJA | Long Term: 0.1 mg/m ³ |
| National MADŽARSKA | Long Term: 0.15 mg/m ³ |
| National ITALIJA | Long Term: 0.1 mg/m ³ |
| National LITVA | Long Term: 0.1 mg/m ³ |
| Malaysi MALAZIJA a OEL | Long Term: 0.1 mg/m ³ 0.1 mg/m ³ TWA (respirable dust) |
| NDS NIZOZEMSKA | Long Term: 0.075 mg/m ³ |
| National NORVEŠKA | Long Term: 0.3 mg/m ³ Totalstøv (total dust); K: Kjemikalier som skal betraktes som kreftfremkallende. |
| National NORVEŠKA | Long Term: 0.05 mg/m ³ Respirabelt støv (respirable dust); K: Kjemikalier som skal betraktes som kreftfremkallende. G: EU har fastsatt en bindende grenseverdi og/eller anmerkning av stoffet. |
| ACGIH | Long Term: 0.025 mg/m ³ (R), A2 - Pulm fibrosis, lung cancer |
| EU | Long Term: 0.025 mg/m ³ A2 (R) - Pulm fibrosis, lung cancer |
| NDS POLJSKA | Long Term: 0.1 mg/m ³ |
| National PORTUGALSK A | Long Term: 0.025 mg/m ³ |
| National ROMUNIJA | Long Term: 0.1 mg/m ³ |
| National SLOVAŠKA | Long Term: 0.1 mg/m ³ ; Short Term: 0.5 mg/m ³ |
| National SLOVENIJA | Long Term: 0.1 mg/m ³ |
| National ŠPANIJA | Long Term: 0.05 mg/m ³ |
| National ŠVEDSKA | Long Term: 0.1 mg/m ³ Respirabel fraktion. Respirable fraction C: Ämnet är cancerframkallande. |

Predicted No Effect Concentration (PNEC) values

| | |
|--|---|
| tetrapotassium pyrophosphate CAS: 7320-34-5 | Način izpostavitve: Sladka voda; PNEC Limit: 0.05 mg/l |
| | Način izpostavitve: Morska voda; PNEC Limit: 0.005 mg/l |
| | Način izpostavitve: Mikroorganizmi v čistilnih napravah; PNEC Limit: 50 mg/l |
| 2-aminoetanol CAS: 141-43-5 | Način izpostavitve: Sladka voda; PNEC Limit: 0.085 mg/l |
| | Način izpostavitve: Morska voda; PNEC Limit: 0.0085 mg/l |
| | Način izpostavitve: Intermittent release; PNEC Limit: 0.025 mg/l |
| | Način izpostavitve: Sladkovodni sedimenti; PNEC Limit: 0.425 mg/kg |
| | Način izpostavitve: Morski sedimenti; PNEC Limit: 0.0425 mg/kg |
| | Način izpostavitve: Tla (kmetijska); PNEC Limit: 0.035 mg/kg |
| | Način izpostavitve: Mikroorganizmi v čistilnih napravah; PNEC Limit: 100 mg/l |
| 1-methoxy-2-propanol CAS: 107-98-2 | Način izpostavitve: Sladka voda; PNEC Limit: 10 mg/l |
| | Način izpostavitve: Intermittent release; PNEC Limit: 100 mg/l |
| | Način izpostavitve: Morska voda; PNEC Limit: 1 mg/l |
| | Način izpostavitve: Mikroorganizmi v čistilnih napravah; PNEC Limit: 100 mg/l |
| | Način izpostavitve: Sladkovodni sedimenti; PNEC Limit: 52.3 mg/kg |
| | Način izpostavitve: Morski sedimenti; PNEC Limit: 5.2 mg/kg |
| | Način izpostavitve: Tla (kmetijska); PNEC Limit: 4.59 mg/kg |

Derived No Effect Level (DNEL) values

| | |
|--|---|
| tetrapotassium pyrophosphate CAS: 7320-34-5 | Exposure Route: Z vdihavanjem, človek; Exposure Frequency: Dolgotrajna, sistemski učinek Worker Industry: 2.79 mg/m ³ |
| | Exposure Route: Z vdihavanjem, človek; Exposure Frequency: Dolgotrajna, sistemski učinek Worker Industry: 0.68 mg/m ³ |
| 1-methoxy-2-propanol CAS: 107-98-2 | Exposure Route: Z vdihavanjem, človek; Exposure Frequency: Dolgotrajna, sistemski učinek Worker Professional: 369 mg/m ³ |
| | Exposure Route: Z vdihavanjem, človek; Exposure Frequency: Kratkotrajna, sistemski učinek Worker Professional: 553.5 mg/m ³ |
| | Exposure Route: Z vdihavanjem, človek; Exposure Frequency: Kratkotrajna, lokalni učinek Worker Professional: 553.5 mg/m ³ |
| | Exposure Route: Dermalno, človek; Exposure Frequency: Dolgotrajna, sistemski učinek Worker Professional: 183 mg/kg |
| | Exposure Route: Z vdihavanjem, človek; Exposure Frequency: Dolgotrajna, sistemski učinek Consumer: 43.9 mg/m ³ |
| | Exposure Route: Dermalno, človek; Exposure Frequency: Dolgotrajna, sistemski učinek Consumer: 78 mg/kg |
| | Exposure Route: Oralno, človek; Exposure Frequency: Dolgotrajna, sistemski učinek Consumer: 33 mg/m ³ |

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Materiali primerni za zaščitne rokavice; EN ISO 374:

Polikloropren - CR: debeline \geq 0,5 mm; čas preboja \geq 480 min.

Nitril kavčuk - NBR: debeline \geq 0,35 mm; čas preboja \geq 480 min.

Butil kavčuk - IIR: debeline \geq 0,5 mm; čas preboja \geq 480 min.

Fluoriran kavčuk - FKM: debeline \geq 0,4 mm; čas preboja \geq 480 min.

Priporoča se uporaba neoprenskih rokavic (0,5 mm). Rokavice, ki naj se ne uporabljajo: na vodo neodporne rokavice.

Respiratory protection:

Osebna zaščitna oprema mora biti v skladu z ustreznimi CE standardi (kot npr. EN ISO 374 za rokavice in EN ISO 166 za očala), pravilno vzdrževana in shranjena. Pred nakupom se posvetujte z dobavitelji zaščitne opreme, preverite ustreznost opreme in upoštevajte podatke o uporabnikih (ergonomičnost opreme).

Zaščita dihal je treba uporabiti, kadar stopnje izpostavljenosti presegajo omejitve izpostavljenosti na delovnem mestu. Za informacije o izbiri in uporabi ustrezne opreme za zaščito dihal se nanašajo na ustrezne standarde EN, kot so EN 136, 140, 143, 149, 14387.

Pri koncentracijah nad zgornjo dovoljeno mejo izpostavljenosti je potrebno nositi protiprašno masko (P2) (EN 149).

Hygienic and Technical measures

Not available

Ustrezen tehnološki nadzor:

Not available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Fizično stanje: Trdno stanje

Appearance: prilepiti

Color: bež

Odour: značilno

Melting point / freezing point: 0 °C (32 °F)

Initial boiling point and boiling range: 100 °C (212 °F)

Flammability: Ni razpoložljivo

Lower and upper explosion limit: Not available

Flash point: 100 °C (212 °F)

Auto-ignition temperature: Not available

Decomposition temperature: Not available

pH: 12.00

Viscosity: 60,000.00 mPA-s

Kinematic viscosity: Not available

Solubility in water: zelo topen

Solubility in oil: nerešljiv

Partition coefficient (n-octanol/water): Not available

Vapour pressure: Not available

Relative density: 1.25 g/cm³

Vapour density: Not available

Particle characteristics:

Particle size: Not available

9.2. Other information

Miscibility: Not available

Conductivity: Not available

No other relevant information

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

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

Toksikološki podatki zmesi:

a) akutna strupenost

Not classified

Based on available data, the classification criteria are not met

- b) jedkost za kožo/draženje kože The product is classified: Skin Corr. 1B(H314)
 c) resne okvare oči/draženje The product is classified: Eye Dam. 1(H318)
 d) preobčutljivost pri vdihavanju in Not classified
 preobčutljivost kože

- e) mutagenost za zarodne celice Not classified
 Based on available data, the classification criteria are not met
 f) rakotvornost Not classified
 Based on available data, the classification criteria are not met
 g) strupenost za razmnoževanje Not classified
 Based on available data, the classification criteria are not met
 h) STOT – enkratna izpostavljenost Not classified
 Based on available data, the classification criteria are not met
 i) STOT – ponavljajoča se izpostavljenost Not classified
 Based on available data, the classification criteria are not met
 j) nevarnost pri vdihavanju Not classified
 Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

| | | |
|---|--|--|
| natrijev hidroksid; kaustična soda | a) akutna strupenost | LD50 Oralno Podgana 2000 mg/kg LD50 Koža Zajec 1350 mg/kg LD50 Oralno Zajec 500 mg/kg LD50 Koža Zajec = 1350 mg/kg LD50 Oralno Podgana = 325 mg/kg LD50 Koža Zajec = 1350 mg/kg |
| tetrapotassium pyrophosphate | a) akutna strupenost | LD50 Koža Zajec > 2000 mg/kg |
| 2-aminoetanol | a) akutna strupenost | LD50 Oralno Podgana 2100 mg/kg LD50 Koža Zajec 1000 mg/kg |
| 1-methoxy-2-propanol | a) akutna strupenost h) STOT – enkratna izpostavljenost | LD50 Oralno Podgana = 5300 mg/kg LD50 Koža Zajec = 13000 mg/kg LC50 Vdihavanje Podgana = 28.8 mg/l 4h LD50 Koža Zajec = 13 g/kg LC50 Vdihavanje Podgana > 7559 ppm 6h LD50 Oralno Podgana = 5000 mg/kg NOAEL Oralno Podgana = 919 mg/kg NOAEL Vdihavanje Podgana = 3.7 mg/kg NOAEL Koža Zajec > 1000 mg/kg |
| free crystalline silica (Ø <10 µ) | a) akutna strupenost | LD50 Oralno Podgana = 500 mg/kg |
| 1,2-benzizotiazol-3(2H)- on; 1,2-benzizotiazol- 3(2H)-on | a) akutna strupenost | LD50 Oralno Podgana = 670 mg/kg |
| zmes 5-kloro-2-metil-2H- izotiazol-3-ona (EINECS 247-500-7) in 2-metil- 2H-izotiazol-3-ona | a) akutna strupenost | LC50 Vdihavanje Podgana = 2.36 mg/l 4h |

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.

Based on available data, the classification criteria are not met

List of Eco-Toxicological properties of the components

| Sestavina | Ident. Numb. | Ecotox Data |
|------------------------------------|--|--|
| natrijev hidroksid; kaustučna soda | CAS: 1310-73-2 - EINECS: 215-185-5 - INDEX: 011-002-00-6 | a) akutna strupenost za vodno okolje : EC50 Daphnia = 76 mg/l 24 a) akutna strupenost za vodno okolje : EC50 Daphnia = 40.38 mg/l 48 a) akutna strupenost za vodno okolje : LC50 Riba = 99 mg/l 48 a) akutna strupenost za vodno okolje : LC50 Riba = 45.5 mg/l 96 b) kronična strupenost za vodno okolje : NOEC Riba = 56 mg/l 96 a) akutna strupenost za vodno okolje : LC50 Riba Oncorhynchus mykiss = 45.4 mg/l 96h IUCLID |
| tetrapotassium pyrophosphate | CAS: 7320-34-5 - EINECS: 230-785-7 | a) akutna strupenost za vodno okolje : LC50 Daphnia > 100 mg/l 48h a) akutna strupenost za vodno okolje : LC50 Riba > 100 mg/l 96h |
| 2-aminoetanol | CAS: 141-43-5 - EINECS: 205-483-3 - INDEX: 603-030-00-8 | a) akutna strupenost za vodno okolje : EC50 Daphnia = 65 mg/l 48 a) akutna strupenost za vodno okolje : EC50 Algae = 22 mg/l 72 a) akutna strupenost za vodno okolje : LC50 Riba = 349 mg/l 96 a) akutna strupenost za vodno okolje : LC50 Riba Pimephales promelas = 227 mg/l 96h IUCLID a) akutna strupenost za vodno okolje : LC50 Riba Brachydanio rerio = 3684 mg/l 96h IUCLID a) akutna strupenost za vodno okolje : LC50 Riba Lepomis macrochirus 300 mg/l 96h EPA a) akutna strupenost za vodno okolje : LC50 Riba Oncorhynchus mykiss 114 mg/l 96h EPA a) akutna strupenost za vodno okolje : EC50 Algae Desmodesmus subspicatus = 15 mg/l 72h IUCLID b) kronična strupenost za vodno okolje : NOEC Daphnia = 0.85 mg/l |
| 1-methoxy-2-propanol | CAS: 107-98-2 - EINECS: 203-539-1 - INDEX: 603-064-00-3 | a) akutna strupenost za vodno okolje : LC50 Riba = 5000 mg/l 96 a) akutna strupenost za vodno okolje : EC50 Daphnia = 23300 mg/l 48 a) akutna strupenost za vodno okolje : EC50 Algae > 1000 mg/l 96 a) akutna strupenost za vodno okolje : LC50 Bacteria > 1000 mg/l 3 |

a) akutna strupenost za vodno okolje : LC50 Riba Pimephales promelas = 20.8 g/l 96h IUCLID

a) akutna strupenost za vodno okolje : EC50 Daphnia Daphnia magna = 23300 mg/l 48h IUCLID

1,2-benzotiazol-3(2H)-on; 1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 - EINECS: 220-120-9 - INDEX: 613-088-00-6 a) akutna strupenost za vodno okolje : LC50 Riba = 2.15 mg/l

b) kronična strupenost za vodno okolje : NOEC Algae = 0.0403 mg/l 72h

b) kronična strupenost za vodno okolje : EC50 Algae = 0.11 mg/l 72h

b) kronična strupenost za vodno okolje : EC10 Algae = 0.04 mg/l 72h

b) kronična strupenost za vodno okolje : EC50 Daphnia = 3.27 mg/l 48h

NOEC Daphnia = 1.2 mg/l 21d

zmes 5-kloro-2-metil-2H-izotiazol-3-ona (EINECS 247-500-7) in 2-metil-2H-izotiazol-3-ona (EINECS 220-239-6) (zmes CMIT/MIT) CAS: 55965-84-9 - EINECS: 611-341-5 - INDEX: 613-167-00-5 a) akutna strupenost za vodno okolje : EC50 Daphnia = 0.12 mg/l 48

a) akutna strupenost za vodno okolje : LC50 Riba = 0.22 mg/l 96

a) akutna strupenost za vodno okolje : EC50 Algae = 0.048 mg/l 72

b) kronična strupenost za vodno okolje : NOEC Algae = 0.0012 mg/l 72

b) kronična strupenost za vodno okolje : NOEC Riba = 0.098 mg/l - 28 d

b) kronična strupenost za vodno okolje : NOEC Daphnia = 0.004 mg/l - 21 d

12.2. Persistence and degradability

Ni razpoložljivo

12.3. Bioaccumulative potential

Ni razpoložljivo

12.4. Mobility in soil

Ni razpoložljivo

12.5. Results of PBT and vPvB assessment

No PBT, vPvB or endocrine disruptor 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

Not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Kadar koli je mogoče, se je treba izogibati ali zmanjšati nastajanje odpadkov. Po možnosti obnovite.

Kode za odpadke (EWC) v skladu z Evropskim seznamom odpadkov (LoW) zaradi odvisnosti od uporabe ni mogoče določiti. Obrnite se in pošljite pooblaščenim službam za odstranjevanje odpadkov.

Načini odstranjevanja:

Odstranjevanje tega izdelka, raztopin, embalaže in drugih stranskih proizvodov bi moralo biti vedno v skladu z zahtevami zakonodaje o varstvu okolja in odstranjevanjem odpadkov ter vsemi zahtevami regionalnih lokalnih oblasti.

Odvečne izdelke in izdelke, ki jih ni mogoče reciklirati, zavrzite prek pooblaščenega izvajalca za odstranjevanje odpadkov.

Ne odlagajte odpadkov v kanalizacijo.

Nevarni odpadki: Yes

Odstranjevanje:

Ne dovolite vstopa v odtok ali vodotoke.

Izdelek odstranite v skladu z vsemi zveznimi, državnimi in lokalnimi veljavnimi predpisi.

Če se ta izdelek meša z drugimi odpadki, izvirna koda odpadnega proizvoda morda ne bo več veljavna in dodelite ustrezno kodo.

Posode, onesnažene s proizvodom, zavrzite v skladu z lokalnimi ali nacionalnimi zakonskimi predpisi. Za dodatne informacije se obrnite na vaš lokalni organ za ravnanje z odpadki.

Posebni previdnostni ukrepi:

Ta material in njegovo posodo je treba odstraniti na varen način. Bodite previdni pri ravnanju z neobdelanimi praznimi posodami.

Izogibajte se raztrosu razlitnega materiala in odtokom ter stiku z zemljo, vodnimi potmi, otoki in odplakami.

V praznih posodah ali oblogah lahko ostanejo nekateri ostanki izdelka. Praznih posod ne uporabljajte več.

SECTION 14: Transport information

14.1. UN number or ID number

1719

14.2. UN proper shipping name

ADR-Shipping Name: CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, solution)

IATA-Technical name: CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, solution)

IMDG-Technical name: CAUSTIC ALKALI LIQUID, N.O.S. (sodium hydroxide, solution)

14.3. Transport hazard class(es)

ADR-Class: 8

IATA-Class: 8

IMDG-Class: 8

14.4. Packing group

ADR-Packing Group: III

IATA-Packing group: III

IMDG-Packing group: III

14.5. Environmental hazards

Marine pollutant: No

Environmental Pollutant: No

IMDG-EMS: F-A, S-B

14.6. Special precautions for user

Road and Rail (ADR-RID):

ADR-Etiketa: 8

ADR-Zgornja številka: 80

ADR-posebni ukrepi: 274

ADR-Transport category (Tunnel restriction code): 3 (E)

ADR-Prag omejene količine: 5 L

Air (IATA):

IATA-Passenger Aircraft: 852

IATA-Cargo Aircraft: 856

IATA-Label: 8

IATA-Subsidiary hazards: -

IATA-Erg: 8L

IATA-Special Provisions: A3 A803

Sea (IMDG):

IMDG-Stowage Code: Category A

IMDG-Stowage Note: SG22 SG35 SGG18

IMDG-Subsidiary hazards: -

IMDG-Special Provisions: 223 274

IMDG-EMS: F-A, S-B

14.7. Maritime transport in bulk according to IMO instruments

Not Applicable

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)

Uredba (EU) št. 2015/1221 (7. ATP 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. 2019/521 (ATP 12 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 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)
Uredba (EU) 2021/849 (17. ATP CLP)
Uredba (EU) 2022/692 (18. ATP CLP)

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

None

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: 30, 40, 75

SVHC Substances:

Snovi SVHC, ki niso prisotne v koncentraciji $\geq 0,1\%$ (w/w)

Nemški razred nevarnosti za vodo (WGK)

Razred 1: rahlo ogroža vodo.

Uredba (ES) št. 648/2004 (detergentih)

Vsebina proizvoda:

Category: anionske površinsko aktivne snovi Qty: < 5%

15.2. Chemical safety assessment

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

SECTION 16: Other information

| Code | Description |
|------|---|
| H226 | Vnetljiva tekočina in hlapi. |
| H290 | Lahko je jedko za kovine. |
| H302 | Zdravju škodljivo pri zaužitju. |
| H312 | Zdravju škodljivo v stiku s kožo. |
| H314 | Povzročča hude opekline kože in poškodbe oči. |
| H315 | Povzročča draženje kože. |
| H318 | Povzročča hude poškodbe oči. |
| H319 | Povzročča hudo draženje oči. |
| H332 | Zdravju škodljivo pri vdihavanju. |
| H335 | Lahko povzroči draženje dihalnih poti. |
| H336 | Lahko povzroči zaspanost ali omotico. |
| H372 | Škoduje organom pri dolgotrajni ali ponavljajoči se izpostavljenosti. |
| H412 | Škodljivo za vodne organizme, z dolgotrajnimi učinki. |

| Code | Hazard class and hazard category | Description |
|--------------|----------------------------------|--|
| 2.16/1 | Met. Corr. 1 | Substance or mixture corrosive to metals, Category 1 |
| 2.6/3 | Flam. Liq. 3 | Flammable liquid, Category 3 |
| 3.1/4/Dermal | Acute Tox. 4 | Acute toxicity (dermal), Category 4 |
| 3.1/4/Inhal | Acute Tox. 4 | Acute toxicity (inhalation), Category 4 |
| 3.1/4/Oral | Acute Tox. 4 | Acute toxicity (oral), Category 4 |
| 3.2/1A | Skin Corr. 1A | Skin corrosion, Category 1A |
| 3.2/1B | Skin Corr. 1B | Skin corrosion, Category 1B |
| 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 |
| 3.8/3 | STOT SE 3 | Specific target organ toxicity — single exposure, Category 3 |
| 3.9/1 | STOT RE 1 | Specific target organ toxicity — repeated exposure, Category 1 |
| 4.1/C3 | Aquatic Chronic 3 | Chronic (long term) aquatic hazard, category 3 |

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.