

Safety Data Sheet

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

AQUA-DECK HPX

Date of first edition: 24. 11. 2020

Safety Data Sheet dated 16/09/2026 version 4

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

1.1. Product identifier

Mixture identification:

Trade name: AQUA-DECK HPX

Trade code: 001016003

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

Recommended use: Drugi gradbeni proizvodi

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)

Aquatic Chronic 3 Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

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

EUH208 Contains Hydroxyphenyl benzotriazole derivatives. May produce an allergic reaction.

EUH208 Contains 3-jodo-2-propinil butilkarbamat; 3-jodoprop-2-in-1-il butilkarbamat. 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.

Dir. 2004/42/EC (VOC directive)

Notranji/zunanji laki in lužila za les, vključno z matiranimi lužili za les

EU limit value for this product (cat. A/e): 130 g/l

This product contains max 65.95 g/l VOC.

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 $\geq 0.1\%$

Other Hazards: Vsebuje biocidni proizvod: C(M)IT/MIT (3:1)

; BIT; IPBC; Označevanje proizvoda je v skladu z 58. členom Uredbe EU št. 528/2012 in kasnejšimi spremembami. Preprečiti

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Mixture identification: AQUA-DECK HPX

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

Qty	Name	Ident. Numb.	Classification	Registration Number
≥3-<5 %	(2-methoxymethylethoxy)propanol	CAS:34590-94-8 EC:252-104-2	Substance with a Union workplace exposure limit.	01-2119450011-60
≥0.5-<1 %	trietilamin	CAS:121-44-8 EC:204-469-4 Index:612-004-00-5	Flam. Liq. 2, H225; Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; Skin Corr. 1A, H314; Eye Dam. 1, H318 Specific Concentration Limits: C ≥ 1%: STOT SE 3 H335 Acute Toxicity Estimate: ATE - Oral: 100mg/kg bw ATE - Dermal: 300mg/kg bw ATE - Inhalation (Vapours): 7.2mg/l	01-2119475467-26
≥0.5-<1 %	Hydroxyphenyl benzotriazole derivatives	EC:400-830-7 Index:607-176-00-3	Aquatic Chronic 2, H411; Skin Sens. 1, H317	01-0000015075-76
≥0.3-<0.5 %	2-(2-butoksietoksi)etanol; dietilen glikol monobutil eter	CAS:112-34-5 EC:203-961-6 Index:603-096-00-8	Eye Irrit. 2, H319	01-2119475104-44
≥0.15-<0.20 %	3-jodo-2-propinil butilkarbamat; 3-jodoprop-2-in-1-il butilkarbamat	CAS:55406-53-6 EC:259-627-5 Index:616-212-00-7	Acute Tox. 2, H330; Acute Tox. 4, H302; STOT RE 1, H372; Eye Dam. 1, H318; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410, M-Chronic:10, M-Acute:10 Acute Toxicity Estimate: ATE - Inhalation (Dust/mist): 0.17 mg/l	
<0.036 %	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 Specific Concentration Limits: C ≥ 0.036%: Skin Sens. 1A H317 Acute Toxicity Estimate: ATE - Oral: 450mg/kg bw 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 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 Specific Concentration Limits: C ≥ 0.6%: Skin Corr. 1C H314 0.06% ≤ C < 0.6%: Skin Irrit. 2 H315 C ≥ 0.6%: Eye Dam. 1 H318	

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

For containment:

Izdelek vsebuje mikroplastike: ne odvrzite izdelka v okolje med uporabo ali odstranjevanjem. Orodja ne čistite pod tekočo vodo.

Ostankov izdelka, vode ali drugih pralnih raztopin ne vlivajte v gospodinjne odtoke ali kanalizacijo.

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.

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.

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)

Izdelek vsebuje mikroplastike: ne odvrzite izdelka v okolje med uporabo ali odstranjevanjem. Orodja ne čistite pod tekočo vodo. Ostankov izdelka, vode ali drugih pralnih raztopin ne vlivajte v gospodinjske odtoke ali kanalizacijo.

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)

(2-methoxymethylethoxy)propanol

CAS: 34590-94-8	ACGIH	Long Term: 50 ppm (8h) Notes: Liver & CNS eff
	EU	Long Term: 308 mg/m ³ - 50 ppm (8h) Notes: Skin
	NATION Avstrija AL	Long Term: 307 mg/m ³ - 50 ppm; Short Term: Ceiling - 614 mg/m ³ - 100 ppm Notes: 5(Mow), 8x, MAK, H Source: GKV, BGBl. II Nr. 156/2021
	NATION Belgija AL	Long Term: 308 mg/m ³ - 50 ppm Notes: D Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
	NATION Bolgarija AL	Long Term: 308 mg/m ³ - 50 ppm Notes: Кожа Source: НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г.
	NATION Ciper AL	Long Term: 308 mg/m ³ - 50 ppm Notes: δέρμα Source: Οι περί Ασφάλειας και Υγείας στην Εργασία (Χημικοί Παράγοντες) Κανονισμοί του 2001 έως 2021
	NATION Češka AL	Long Term: 270 mg/m ³ ; Short Term: Ceiling - 550 mg/m ³ Notes: D Source: Nařízení vlády č. 361-2007 Sb
	NATION Nemčija AL	Long Term: 310 mg/m ³ - 50 ppm Notes: DFG, EU, 11, 1(I) Source: TRGS 900
	NATION Danska AL	Long Term: 309 mg/m ³ - 50 ppm Notes: EH Source: BEK nr 2203 af 29/11/2021
	NATION Španija AL	Long Term: 308 mg/m ³ - 50 ppm Notes: vía dérmica, VLI Source: LEP 2022
	NATION Estonija AL	Long Term: 308 mg/m ³ - 50 ppm Notes: A Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105
	NATION Finska AL	Long Term: 310 mg/m ³ - 50 ppm Notes: iho Source: HTP-ARVOT 2020
	NATION Francija AL	Long Term: 308 mg/m ³ - 50 ppm Notes: Risque de pénétration percutanée Source: INRS outil65, article R. 4412-149 du Code du travail

NATION AL	Grčija	Long Term: 600 mg/m3 - 100 ppm; Short Term: 900 mg/m3 - 150 ppm Notes: Δ Source: ΦΕΚ 94/A` 13.5.1999
NATION AL	Hrvaška	Long Term: 308 mg/m3 - 50 ppm Notes: koža Source: 2000/39/EZ
NATION AL	Madžarska	Long Term: 308 mg/m3 Notes: EU1, R Source: 5/2020. (II. 6.) ITM rendelet
NATION AL	Irska	Long Term: 308 mg/m3 - 50 ppm Notes: Sk, IOELV Source: 2021 Code of Practice
NATION AL	Italija	Long Term: 308 mg/m3 - 50 ppm Notes: Cute Source: D.lgs. 81/2008, Allegato XXXVIII
NATION AL	Litva	Long Term: 300 mg/m3 - 50 ppm; Short Term: 450 mg/m3 - 75 ppm Notes: O Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389
NATION AL	Luksemburg	Long Term: 308 mg/m3 - 50 ppm Notes: Peau Source: Mémorial A n.226 du 22 mars 2021
NATION AL	Latvija	Long Term: 308 mg/m3 - 50 ppm Notes: Āda Source: KN325P1
NATION AL	Malta	Long Term: 308 mg/m3 - 50 ppm Notes: skin Source: S.L.424.24
NATION AL	Nizozemska	Long Term: 300 mg/m3 Source: Arbeidsomstandighedenregeling - Lijst A
NATION AL	Norveška	Long Term: 300 mg/m3 - 50 ppm Notes: H E Source: FOR-2021-06-28-2248
NATION AL	Poljska	Long Term: 240 mg/m3; Short Term: 480 mg/m3 Notes: skóra Source: Dz.U. 2018 poz. 1286
NATION AL	Portugalska	Long Term: 308 mg/m3 - 50 ppm Notes: Cutânea Source: Decreto-Lei n.º 1/2021
NATION AL	Romunija	Long Term: 308 mg/m3 - 50 ppm Notes: P, Dir. 2000/39 Source: Republicarea 1 - nr. 743 din 29 iulie 2021
NATION AL	Slovaška	Long Term: 308 mg/m3 - 50 ppm Notes: K Source: 355 NARIADENIE VLÁDY z 10. mája 2006
NATION AL	Slovenija	Long Term: 308 mg/m3 - 50 ppm; Short Term: 308 mg/m3 - 50 ppm Notes: K, EU1 Source: UL št. 72, 11. 5. 2021
NATION AL	Švedska	Long Term: 300 mg/m3 - 50 ppm; Short Term: 450 mg/m3 - 75 ppm Notes: H, V Source: AFS 2021:3
WEL-EH40	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	Long Term: 308 mg/m3 - 50 ppm Notes: Sk Source: EH40/2005 Workplace exposure limits (Fourth Edition 2020)
SUVA	Švicar	Long Term: 300 mg/m3 - 50 ppm; Short Term: 300 mg/m3 - 50 ppm Notes: VR Yeux Nez / AW Auge Nase, NIOSH, La substance peut être présente sous forme de vapeur et d'aérosol en même temps / Der Stoff kann gleichzeitig als Dampf und Aerosol vorliegen Source: suva.ch/valeurs-limites

CAS: 121-44-8	ACGIH	Long Term: 0.5 ppm (8h); Short Term: 1 ppm Notes: Skin, A4 - Visual impair, URT irr
	EU	Long Term: 8.4 mg/m ³ - 2 ppm (8h); Short Term: 12.6 mg/m ³ - 3 ppm Notes: Skin
	NATION Avstrija AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: 15(Miw), 4x, MAK, Reaktion mit nitro- sierenden Agentien kann zur Bildung des kanzerogenen N- Nitrosomethylanilins führen. Source: BGBl. II Nr. 156/2021
	NATION Belgija AL	Long Term: 2.07 mg/m ³ - 0.5 ppm; Short Term: 4.14 mg/m ³ - 1 ppm Notes: D Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
	NATION Bolgarija AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: Кожа Source: НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г.
	NATION Ciper AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: δέρμα Source: Οι περί Ασφάλειας και Υγείας στην Εργασία (Χημικοί Παράγοντες) Κανονισμοί του 2001 έως 2021
	NATION Česka AL	Long Term: 8 mg/m ³ ; Short Term: Ceiling - 12 mg/m ³ Notes: D, I Source: Nařízení vlády č. 361-2007 Sb
	NATION Nemčija AL	Long Term: 4.2 mg/m ³ - 1 ppm Notes: DFG, EU, H, 6, 2(I) Source: TRGS 900
	NATION Danska AL	Long Term: 4.1 mg/m ³ - 1 ppm Notes: EH Source: BEK nr 2203 af 29/11/2021
	NATION Španija AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: vía dérmica, f, VLI Source: LEP 2022
	NATION Estonija AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: A, S Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105
	NATION Finska AL	Short Term: 4.2 mg/m ³ - 1 ppm Notes: iho Source: HTP-ARVOT 2020
	NATION Francija AL	Long Term: 4.2 mg/m ³ - 1 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: Risque de pénétration percutanée Source: INRS outil65, article R. 4412-149 du Code du travail
	NATION Grčija AL	Long Term: 40 mg/m ³ - 10 ppm; Short Term: 60 mg/m ³ - 15 ppm Notes: Δ Source: ΦΕΚ 94/Α` 13.5.1999
	NATION Hrvatska AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: koža Source: 2000/39/EZ
	NATION Madžarska AL	Long Term: 8.4 mg/m ³ ; Short Term: 12.6 mg/m ³ Notes: b, i, m, EU1, R+T Source: 5/2020. (II. 6.) ITM rendelet
	NATION Irska AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: Sk, IOELV Source: 2021 Code of Practice
	NATION Italija AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: Cute Source: D.lgs. 81/2008, Allegato XXXVIII
	NATION Litva AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: O Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389
	NATION Luksemburg AL	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: Peau Source: Mémorial A n.226 du 22 mars 2021

NATION AL	Latvija	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Source: KN325P1
NATION AL	Malta	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: skin Source: S.L.424.24
NATION AL	Nizozemska	Long Term: 4.2 mg/m ³ ; Short Term: 12.6 mg/m ³ Notes: H Source: Arbeidsomstandighedenregeling - Lijst A
NATION AL	Norveška	Long Term: 8 mg/m ³ - 2 ppm Notes: H E Source: FOR-2021-06-28-2248
NATION AL	Poljska	Long Term: 3 mg/m ³ ; Short Term: 9 mg/m ³ Notes: skóra Source: Dz.U. 2018 poz. 1286
NATION AL	Portugalska	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: Cutânea Source: Decreto-Lei n.º 1/2021
NATION AL	Romunija	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: P, Dir. 2000/39 Source: Republicarea 1 - nr. 743 din 29 iulie 2021
NATION AL	Slovaška	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: K Source: 355 NARIADENIE VLÁDY z 10. mája 2006
NATION AL	Slovenija	Long Term: 8.4 mg/m ³ - 2 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: K, EU1 Source: UL št. 72, 11. 5. 2021
NATION AL	Švedska	Long Term: 4.2 mg/m ³ - 1 ppm; Short Term: 12.6 mg/m ³ - 3 ppm Notes: H Source: AFS 2021:3
WEL-EH40	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	Long Term: 8 mg/m ³ - 2 ppm; Short Term: 17 mg/m ³ - 4 ppm Notes: Sk Source: EH40/2005 Workplace exposure limits (Fourth Edition 2020)
SUVA	Švicar	Long Term: 4.2 mg/m ³ - 1 ppm; Short Term: 8.4 mg/m ³ - 2 ppm Notes: Cornée / Cornea, NIOSH, En présence d'agents nitrosants, il peut se former de la N-Nitrosodiméthylamine cancérigène. / Reaktion mit nitrosierenden Agentien kann zur Bildung des kanzerogenen N-Nitrosodimethylamins führen Source: suva.ch/valeurs-limites

2-(2-butoksietoksi)etanol; dietilen glikol monobutil eter

CAS: 112-34-5	ACGIH	Long Term: 10 ppm (8h) Notes: IFV - Hematologic, liver and kidney eff
	EU	Long Term: 67.5 mg/m ³ - 10 ppm (8h); Short Term: 101.2 mg/m ³ - 15 ppm
NATION AL	Avstrija	Long Term: 67.5 mg/m ³ - 10 ppm; Short Term: 101.2 mg/m ³ - 15 ppm Notes: 15(Miw), 4x, MAK Source: GKV, BGBl. II Nr. 156/2021
NATION AL	Belgija	Long Term: 67.5 mg/m ³ - 10 ppm; Short Term: 101.2 mg/m ³ - 15 ppm Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
NATION AL	Bolgarija	Long Term: 67.5 mg/m ³ - 10 ppm; Short Term: 101.2 mg/m ³ - 15 ppm Source: НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г.
NATION AL	Ciper	Long Term: 67.5 mg/m ³ - 10 ppm; Short Term: 101.2 mg/m ³ - 15 ppm Source: Οι περί Ασφάλειας και Υγείας στην Εργασία (Χημικοί Παράγοντες) Κανονισμοί του 2001 έως 2021
NATION AL	Česka	Long Term: 70 mg/m ³ ; Short Term: Ceiling - 100 mg/m ³ Notes: I Source: Nařízení vlády č. 361-2007 Sb
NATION AL	Nemčija	Long Term: 67 mg/m ³ - 10 ppm Notes: EU, DFG, Y, 11, 1, 5 (I) Source: TRGS 900

NATION Danska AL	Long Term: 68 mg/m3 - 10 ppm Notes: E Source: BEK nr 2203 af 29/11/2021
NATION Španija AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Notes: VLI, r Source: LEP 2022
NATION Finska AL	Long Term: 68 mg/m3 - 10 ppm Source: HTP-ARVOT 2020
NATION Francija AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Source: INRS outil65, arrêté du 30-06-2004 modifié
NATION Grčija AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Source: ΦEK 202/A` 23.8.2007
NATION Hrvatska AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Source: 2006/15/EZ
NATION Mađarska AL	Long Term: 67.5 mg/m3; Short Term: 101.2 mg/m3 Notes: EU2, T Source: 5/2020. (II. 6.) ITM rendelet
NATION Irska AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 12 ppm Notes: IOELV Source: 2021 Code of Practice
NATION Italija AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Source: D.lgs. 81/2008, Allegato XXXVIII
NATION Litva AL	Long Term: 100 mg/m3 - 15 ppm; Short Term: 200 mg/m3 - 30 ppm Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389
NATION Luksemburg AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Source: Mémorial A n.226 du 22 mars 2021
NATION Latvija AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Source: KN325P1
NATION Malta AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Source: S.L.424.24
NATION Nizozemska AL	Long Term: 50 mg/m3; Short Term: 100 mg/m3 Notes: H Source: Arbeidsomstandighedenregeling - Lijst A
NATION Norveška AL	Long Term: 68 mg/m3 - 10 ppm Notes: E Source: FOR-2021-06-28-2248
NATION Poljska AL	Long Term: 67 mg/m3; Short Term: 100 mg/m3 Source: Dz.U. 2018 poz. 1286
NATION Portugalska AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Source: Decreto-Lei n.º 1/2021
NATION Rumunija AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Notes: Dir. 2006/15 Source: Republicarea 1 - nr. 743 din 29 iulie 2021
NATION Slovaška AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Source: 355 NARIADENIE VLÁDY z 10. mája 2006
NATION Slovenija AL	Long Term: 67.5 mg/m3 - 10 ppm; Short Term: 101.2 mg/m3 - 15 ppm Notes: Y, EU2 Source: UL št. 72, 11. 5. 2021
NATION Švedska AL	Long Term: 68 mg/m3 - 10 ppm; Short Term: 101 mg/m3 - 15 ppm Source: AFS 2021:3
SUVA Švicar	Long Term: 67 mg/m3 - 10 ppm; Short Term: 101 mg/m3 - 15 ppm Notes: SSC, Rein Sang Foie / Niere Blut Leber, La substance peut être présente sous forme de vapeur et d'aérosol en même temps / Der Stoff kann gleichzeitig als Dampf und Aerosol vorliegen Source: suva.ch/valeurs-limites

3-jodo-2-propinil butilkarbamat; 3-jodoprop-2-in-1-il butilkarbamat

CAS: 55406-53-6 NATION Nemčija
AL
Long Term: 0.058 mg/m3 - 0.005 ppm
Notes: DFG, Y, Sh, 11, 2 (I)
Source: TRGS 900

	NATION Slovenija AL	Long Term: 0.058 mg/m ³ - 0.005 ppm; Short Term: 0.116 mg/m ³ - 0.01 ppm Notes: Y Source: UL št. 72, 11. 5. 2021
	SUVA Švicar	Long Term: 0.12 mg/m ³ - 0.01 ppm; Short Term: 0.24 mg/m ³ - 0.02 ppm Notes: S, SSC, Cholin / Cholin, La substance peut être présente sous forme de vapeur et d'aérosol en même temps / Der Stoff kann gleichzeitig als Dampf und Aerosol vorliegen Source: suva.ch/valeurs-limites
Carbon black CAS: 1333-86-4	ACGIH	Long Term: 3 mg/m ³ (8h) Notes: I, A3 - Bronchitis
	NATION Belgija AL	Long Term: 3 mg/m ³ Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
	NATION Danska AL	Long Term: 3.5 mg/m ³ Notes: K Source: BEK nr 2203 af 29/11/2021
	NATION Španija AL	Long Term: 3.5 mg/m ³ Source: LEP 2022
	NATION Finska AL	Long Term: 3.5 mg/m ³ ; Short Term: 7 mg/m ³ Source: HTP-ARVOT 2020
	NATION Francija AL	Long Term: 3.5 mg/m ³ Source: INRS outil65
	NATION Grčija AL	Long Term: 3.5 mg/m ³ ; Short Term: 7 mg/m ³ Source: ΦEK 94/A` 13.5.1999
	NATION Hrvaška AL	Long Term: 3.5 mg/m ³ ; Short Term: 7 mg/m ³ Source: NN 1/2021
	NATION Madžarska AL	Long Term: 3 mg/m ³ Notes: belélegezhető koncentráció Source: 5/2020. (II. 6.) ITM rendelet
	NATION Irska AL	Long Term: 3 mg/m ³ Notes: I Source: 2021 Code of Practice
	NATION Norveška AL	Long Term: 3.5 mg/m ³ Source: FOR-2021-06-28-2248
	NATION Poljska AL	Long Term: 4 mg/m ³ Notes: 4) Source: Dz.U. 2018 poz. 1286
	NATION Švedska AL	Long Term: 3 mg/m ³ Source: AFS 2021:3
	WEL- EH40 UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	Long Term: 3.5 mg/m ³ ; Short Term: 7 mg/m ³ Source: EH40/2005 Workplace exposure limits (Fourth Edition 2020)

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

CAS: 55965-84-9	NATION Avstrija AL	Long Term: 0.05 mg/m ³ Notes: MAK, Sh Source: GKV, BGBl. II Nr. 156/2021
	NATION Nemčija AL	Long Term: 0.2 mg/m ³ ; Short Term: 0.4 mg/m ³ Notes: DFG; Long term and short term: inhalable fraction Source: TRGS900
	SUVA Švicar	Long Term: 0.2 mg/m ³ ; Short Term: 0.4 mg/m ³ Notes: TWA mg/m ³ : (i), S, SSC, VRS Peau Yeux / OAW Haut Auge Source: suva.ch/valeurs-limites

Poly(oxy-1,2-ethanediyl), α -hydro- ω -hydroxy- Ethane-1,2-diol, ethoxylated

CAS: 25322-68-3	NATION Nemčija AL	Long Term: 200 mg/m ³ Notes: DFG, Y, E, 2 (II) Source: TRGS 900
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	NATION Slovaška AL	Long Term: 1000 mg/m ³ Source: 355 NARIADENIE VLÁDY z 10. mája 2006
	SUVA Švicar	Long Term: 500 mg/m ³ Notes: SSC, Mcorp / KG Source: suva.ch/valeurs-limites
Barium sulfate CAS: 7727-43-7	ACGIH	Long Term: 5 mg/m ³ (8h) Notes: I, E - Pneumoconiosis
	NATION Belgija AL	Long Term: 5 mg/m ³ Source: Code du bien-être au travail, Livre VI, Titre 1er, Annexe VI.1-1
	NATION Bolgarija AL	Long Term: 10 mg/m ³ Source: НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г.
	NATION Španija AL	Long Term: 10 mg/m ³ Notes: e Source: LEP 2022
	NATION Hrvaška AL	Long Term: 10 mg/m ³ Notes: U Source: NN 1/2021
		Long Term: 4 mg/m ³ Notes: R Source: NN 1/2021
	NATION Irska AL	Long Term: 5 mg/m ³ Source: 2021 Code of Practice
	NATION Slovaška AL	Long Term: 4 mg/m ³ Notes: 10) Source: 355 NARIADENIE VLÁDY z 10. mája 2006
		Long Term: 1.5 mg/m ³ Notes: 11) Source: 355 NARIADENIE VLÁDY z 10. mája 2006
	WEL- UNITED EH40 KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	Long Term: 10 mg/m ³ Source: EH40/2005 Workplace exposure limits (Fourth Edition 2020)
		Long Term: 4 mg/m ³ Source: EH40/2005 Workplace exposure limits (Fourth Edition 2020)
	SUVA Švicar	Long Term: 3 mg/m ³ Notes: TWA mg/m ³ : (a), Formel / Formal Source: suva.ch/valeurs-limites
oktametilciklotetrasiloksan CAS: 556-67-2	NATION Avstrija AL	Notes: f Source: BGBl. II Nr. 156/2021
2,2'-oksidietanol; dietilen glikol CAS: 111-46-6	NATION Avstrija AL	Long Term: 44 mg/m ³ - 10 ppm; Short Term: 176 mg/m ³ - 40 ppm Notes: 15(Miw), 4x, MAK Source: GKV, BGBl. II Nr. 156/2021
	NATION Nemčija AL	Long Term: 44 mg/m ³ - 10 ppm Notes: DFG, Y, 11, 4(II) Source: TRGS 900
	NATION Danska AL	Long Term: 11 mg/m ³ - 2.5 ppm Source: BEK nr 2203 af 29/11/2021
	NATION Estonija AL	Long Term: 45 mg/m ³ - 10 ppm; Short Term: 90 mg/m ³ - 20 ppm Notes: A Source: Vabariigi Valitsuse, 20. märtsi 2001. a määrus nr 105
	NATION Hrvaška AL	Long Term: 101 mg/m ³ - 23 ppm Source: NN 1/2021

NATION AL	Irska	Long Term: 100 mg/m ³ - 23 ppm Source: 2021 Code of Practice
NATION AL	Litva	Long Term: 45 mg/m ³ - 10 ppm; Short Term: 90 mg/m ³ - 20 ppm Notes: O Source: 2011 m. rugsėjo 1 d. Nr. V-824/A1-389
NATION AL	Latvija	Long Term: 10 mg/m ³ Source: KN325P1
NATION AL	Poljska	Long Term: 10 mg/m ³ Notes: 4) Source: Dz.U. 2018 poz. 1286
NATION AL	Romunija	Long Term: 500 mg/m ³ - 115 ppm; Short Term: 800 mg/m ³ - 184 ppm Source: Republicarea 1 - nr. 743 din 29 iulie 2021
NATION AL	Slovaška	Long Term: 44 mg/m ³ - 10 ppm; Short Term: 90 mg/m ³ - 20 ppm Source: 355 NARIADENIE VLADY z 10. mája 2006
NATION AL	Slovenija	Long Term: 44 mg/m ³ - 10 ppm; Short Term: 176 mg/m ³ - 40 ppm Notes: Y Source: UL št. 72, 11. 5. 2021
NATION AL	Švedska	Long Term: 45 mg/m ³ - 10 ppm; Short Term: 90 mg/m ³ - 20 ppm Notes: H, V Source: AFS 2021:3
WEL-EH40	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND	Long Term: 101 mg/m ³ - 23 ppm Source: EH40/2005 Workplace exposure limits (Fourth Edition 2020)
SUVA	Švicar	Long Term: 44 mg/m ³ - 10 ppm; Short Term: 176 mg/m ³ - 40 ppm Notes: SSC, La substance peut être présente sous forme de vapeur et d'aérosol en même temps / Der Stoff kann gleichzeitig als Dampf und Aerosol vorliegen Source: suva.ch/valeurs-limites

Predicted No Effect Concentration (PNEC) values

trietilamin

CAS: 121-44-8 Exposure Route: Fresh Water; PNEC Limit: 110 mg/m³
Exposure Route: Intermittent releases (fresh water); PNEC Limit: 80 mg/m³
Exposure Route: Marine water; PNEC Limit: 11 mg/m³
Exposure Route: Mikroorganizmi v čiščenju odpad; PNEC Limit: 100 mg/l
Exposure Route: Freshwater sediments; PNEC Limit: 1.575 mg/kg
Exposure Route: Usedline morske vode; PNEC Limit: 158 µg/kg
Exposure Route: Zemlja; PNEC Limit: 250 µg/kg

2-(2-butoksietoksi)etanol; dietilen glikol monobutil eter

CAS: 112-34-5 Exposure Route: Fresh Water; PNEC Limit: 1.1 mg/l
Exposure Route: Intermittent releases (fresh water); PNEC Limit: 11 mg/l
Exposure Route: Marine water; PNEC Limit: 110 mg/m³
Exposure Route: Mikroorganizmi v čiščenju odpad; PNEC Limit: 200 mg/l
Exposure Route: Freshwater sediments; PNEC Limit: 4.4 mg/kg
Exposure Route: Usedline morske vode; PNEC Limit: 440 µg/kg
Exposure Route: Zemlja; PNEC Limit: 320 µg/kg
Exposure Route: Secondary poisoning; PNEC Limit: 56 mg/kg

3-jodo-2-propinil butilkarbamat; 3-jodoprop-2-in-1-il butilkarbamat

CAS: 55406-53-6 Exposure Route: Fresh Water; PNEC Limit: 500 ng/L
Exposure Route: Intermittent releases (fresh water); PNEC Limit: 530 ng/L
Exposure Route: Marine water; PNEC Limit: 46 ng/L
Exposure Route: Intermittent releases (marine water); PNEC Limit: 530 ng/L
Exposure Route: Mikroorganizmi v čiščenju odpad; PNEC Limit: 440 ng/L
Exposure Route: Mikroorganizmi v čiščenju odpad; PNEC Limit: 440 ng/L

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 odpad; 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 odpad; 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

trietilamin

CAS: 121-44-8 Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
 Worker Professional: 12.1 mg/kg

Hydroxyphenyl benzotriazole derivatives

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
 Worker Professional: 350 µg/m³; Consumer: 85 µg/m³

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
 Worker Professional: 250 µg/kg; Consumer: 25 µg/kg

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects
 Consumer: 25 µg/kg

2-(2-butoksietoksi)etanol; dietilen glikol monobutil eter

CAS: 112-34-5 Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
 Worker Professional: 67.5 mg/kg/day; Consumer: 40.5 mg/kg/day

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, local effects
 Worker Professional: 67.5 mg/kg/day; Consumer: 40.5 mg/kg/day

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
 Worker Professional: 101.2 mg/kg/day; Consumer: 60.7 mg/kg/day

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
 Worker Professional: 83 mg/kg; Consumer: 50 mg/kg

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects
 Consumer: 5 mg/kg

3-jodo-2-propinil butilkarbamat; 3-jodoprop-2-in-1-il butilkarbamat

CAS: 55406-53-6 Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects
 Worker Professional: 23 µg/m³

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, systemic effects
 Worker Professional: 70 µg/m³

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, local effects
 Worker Professional: 1.16 mg/kg/day

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects
 Worker Professional: 1.16 mg/kg/day

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects
 Worker Professional: 2 mg/kg

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. Zaščitna obutev

Protection for hands:

Zaščita rok:

Materiali primerni za zaščitne rokavice; EN 374:

Nitril kavčuk NBR: debeline ≥ 0,35 mm; čas preboja ≥ 480 min.

Respiratory protection:

N.A.

Thermal Hazards:

Ni predvideno, če se uporablja, kot je predvideno

Environmental exposure controls:

Izdelek vsebuje mikroplastike: ne odvrzite izdelka v okolje med uporabo ali odstranjevanjem. Orodja ne čistite pod tekočo vodo.
Ostankov izdelka, vode ali drugih pralnih raztopin ne vlivajte v gospodinjske odtoke ali kanalizacijo.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	brown
Odour:	characteristic
pH:	N.A.
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:	124 °C (255 °F)
Lower and upper explosion limit:	Not Relevant Notes: Se ne uporablja, ker zmes ni vnetljiva
Relative vapour density:	Not Relevant Notes: Podatki niso znani
Vapour pressure:	23.00 (kPa 50°C). hPa
Density and/or relative density:	1.01 g/cm ³
Solubility in water:	Topno
Solubility in oil:	Not Relevant Notes: Ni določeno, ker ni potrebno za CLP-razvrstitev
Partition coefficient n-octanol/water (log value):	Not Relevant Notes: Ni uporabljivo za zmesi

Auto-ignition temperature:	Not Relevant Notes: Se ne uporablja, ker zmes ni vnetljiva
Decomposition temperature:	Not Relevant Notes: Ni uporabljivo, ker zmes ni samoreaktivna
Flammability:	Not Relevant Notes: Se ne uporablja, ker zmes ni vnetljiva
Volatile Organic compounds - VOCs =	6.54%; 65.95g/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 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

Toxicological information on main components of the mixture:

trietilamin

CAS: 121-44-8	a) acute toxicity	ATE - Oral: 100 mg/kg bw ATE - Dermal: 300 mg/kg bw
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ATE - Inhalation (Vapours): 7.2 mg/l
 LD50 Oral Rat = 730 mg/kg
 LC50 Inhalation Vapour Rat = 3496 ppm 1h
 LD50 Skin Rabbit = 580 mg/kg 24h

- b) skin corrosion/irritation Skin Corrosive Rabbit Positive 15min
- c) serious eye damage/irritation Eye Irritant Rabbit Yes
- d) respiratory or skin sensitisation Skin Sensitization Guinea pig Negative
- f) carcinogenicity Genotoxicity Rat Negative
Carcinogenicity Oral Rat Negative
- g) reproductive toxicity No Observed Adverse Effect Level Oral Rat = 40 mg/kg

Hydroxyphenyl benzotriazole derivatives

- a) acute toxicity LD50 Oral Rat > 5000 mg/kg
LC50 Inhalation Rat > 5.8 mg/l 96h
LD50 Skin Rat > 2000 mg/kg
- b) skin corrosion/irritation Skin Irritant Rabbit Negative 4h
- c) serious eye damage/irritation Eye Irritant Rabbit No
- d) respiratory or skin sensitisation Skin Sensitization Guinea pig Positive
- f) carcinogenicity Genotoxicity Negative
- g) reproductive toxicity No Observed Effect Level Oral Rat < 2 mg/kg

2-(2-butoksietoksi)etanol; dietilen glikol monobutil eter

- CAS: 112-34-5
- a) acute toxicity LD50 Oral Mouse = 2410 mg/kg
LD50 Skin Rabbit = 2764 mg/kg
 - b) skin corrosion/irritation Skin Irritant Rabbit Negative 1h
 - c) serious eye damage/irritation Eye Irritant Rabbit Yes
 - d) respiratory or skin sensitisation Skin Sensitization Guinea pig Negative
 - f) carcinogenicity Genotoxicity Negative
 - g) reproductive toxicity No Observed Adverse Effect Level Oral Rodent = 720 mg/kg

3-jodo-2-propinil butilkarbamat; 3-jodoprop-2-in-1-il butilkarbamat

- CAS: 55406-53-6
- a) acute toxicity ATE - Inhalation (Dust/mist): 0.17 mg/l
LD50 Oral Rat = 1056 mg/kg
LC50 Inhalation Dust Rat > 6.89 mg/l 4h
LD50 Skin Rabbit > 2000 mg/kg 24h
 - b) skin corrosion/irritation Skin Irritant Rabbit Negative 4h
 - c) serious eye damage/irritation Eye Irritant Rabbit Yes
 - f) carcinogenicity Genotoxicity Negative
Carcinogenicity Oral Negative
 - g) reproductive toxicity Reproductive Toxicity Oral Rat Negative

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 Skin Sensitization Guinea pig Positive

sensitisation

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 $\geq 0.1\%$

SECTION 12: Ecological information

12.1. Toxicity

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

Eco-Toxicological Information:

Harmful to aquatic life with long lasting effects.

List of Eco-Toxicological properties of the product

The product is classified: Aquatic Chronic 3(H412)

List of Eco-Toxicological properties of the components

trietilamin

CAS: 121-44-8 a) Aquatic acute toxicity: LC50 Fish *Oryzias latipes* = 24 mg/L 96h
a) Aquatic acute toxicity: EC50 *Daphnia magna* = 36 mg/L 48h
b) Aquatic chronic toxicity: NOEC *Daphnia magna* = 11 mg/L
a) Aquatic acute toxicity: EC50 Algae *Pseudokirchneriella subcapitata* = 8 mg/L 72h
c) Bacteria toxicity: EC50 *Pseudomonas putida* > 1000 mg/L

Hydroxyphenyl benzotriazole derivatives

a) Aquatic acute toxicity: LC50 Fish freshwater fish = 2.8 mg/L 96h
a) Aquatic acute toxicity: LC50 freshwater invertebrates = 4 mg/L
b) Aquatic chronic toxicity: EC50 *Daphnia magna* = 780 µg/L
a) Aquatic acute toxicity: EC50 Algae freshwater algae = 9 mg/L 72h
d) Terrestrial toxicity: LC50 Worm *Eisenia foetida* > 1000 mg/kg

2-(2-butoksietoksi)etanol; dietilen glikol monobutil eter

CAS: 112-34-5 a) Aquatic acute toxicity: LC50 Fish *Leopomis macrochirus* = 1.3 mg/L 96h
b) Aquatic chronic toxicity: LC10 Fish freshwater fish = 396 mg/L
a) Aquatic acute toxicity: EC50 *Daphnia magna* = 1101 mg/L 48h
b) Aquatic chronic toxicity: LC10 *Daphnia* freshwater invertebrates = 112 mg/L
a) Aquatic acute toxicity: EC50 Algae *Desmodesmus subspicatus* = 100 mg/L 96h
c) Bacteria toxicity: EC10 Sludge Activated sludge = 1995 mg/L

3-jodo-2-propinil butilkarbamat; 3-jodoprop-2-in-1-il butilkarbamat

CAS: 55406-53-6 a) Aquatic acute toxicity: LC50 Fish Sheepshead minnow = 0.067 mg/L 96h
b) Aquatic chronic toxicity: NOEC Fish *Pimephales promelas* = 8.4 µg/L
a) Aquatic acute toxicity: LC50 *Daphnia magna* = 0.645 mg/L 48h
b) Aquatic chronic toxicity: NOEC *Daphnia magna* = 49.9 µg/L
a) Aquatic acute toxicity: LC50 Algae *Desmodesmus subspicatus* = 53 µg/L 72h
a) Aquatic acute toxicity: LC50 Sludge activated sludge = 44 mg/L 3h

e) Plant toxicity: LC50 Avena sativa = 4.92 mg/kg

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

CAS: 2634-33-5 a) Aquatic acute toxicity: LC50 Fish Oncorhynchus 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

trietilamin

CAS: 121-44-8 Readily biodegradable

Hydroxyphenyl benzotriazole derivatives

Non-readily biodegradable

Value: 12

Notes: %; OECD 301B

2-(2-butoksietoksi)etanol; dietilen glikol monobutil eter

CAS: 112-34-5 Readily biodegradable

Test: Biochemical oxygen demand; Value: 91.7

Notes: %

3-jodo-2-propinil butilkarbamat; 3-jodoprop-2-in-1-il butilkarbamat

CAS: 55406-53-6 Non-readily biodegradable

Test: Oxygen consumption

Notes: EU Method C.4-D (Determination of the "Ready" Biodegradability - Manometric Respirometry Test)

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

trietilamin

CAS: 121-44-8 Not bioaccumulative

Test: BCF - Bioconcentration factor; Value: 0.5

Notes: L/kg ww

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

CAS: 2634-33-5 Bioaccumulative

Test: BCF - Bioconcentration 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 - Bioconcentration 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 $\geq 0.1\%$

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 nevaren odpad

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

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

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

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

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

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

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

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

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

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

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

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

Regulation (EU) n. 2024/2865

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: 3, 78

The synthetic polymer microparticles supplied is subject to conditions laid down by entry 78 of Annex XVII to Regulation (EC) No 1907/2006 of the European Parliament and of the Council.

Concentration of synthetic polymer microparticles: 2.700027%

Polymer identity: Polymers of ethylene in primary forms

Restrictions related to the substances contained: 30, 40, 55, 70, 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 $\geq 0.1\%$

Dir. 2004/42/EC (VOC directive)

(ready to use)

Volatile Organic compounds - VOCs = 6.54 %

Volatile Organic compounds - VOCs = 65.95 g/L

UREDBA (EU) No 528/2012:

Označevanje proizvoda je v skladu z 58. členom Uredbe EU št. 528/2012 in kasnejšimi spremembami.

snovi, vključene v Uredbo (EU) n. 528/2012 (o dostopnosti na trgu in uporabi biocidnih proizvodov): Nomenclature IUPAC: Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EINECS 247-500-7) and 2-methyl-2H-isothiazol-3-one (EINECS 220-239-6) (Mixture of CMIT/MIT)

Nomenclature BPR: C(M)IT/MIT (3:1)

CAS number: 55965-84-9

Product-type 6: Preservatives for products during storage

Assessment status: Approved

IZVEDBENA UREDBA KOMISIJE (EU) 2016/131 ; Nomenclature IUPAC: 1,2-benzisothiazol-3(2H)-one

Nomenclature BPR: BIT

CAS number: 2634-33-5

Product-type 6: Preservatives for products during storage

Assessment status: Approved

Commission Implementing Regulation (EU) 2025/929; Nomenclature IUPAC: 3-iodo-2-propynyl butylcarbamate

Nomenclature BPR: IPBC

CAS number: 55406-53-6

Product-type 6: Preservatives for products during storage

Assessment status: Approved EU 1037/2013

Commission Implementing Regulation

Product-type 7: Film preservatives

Assessment status: Initial application for approval in progress. Competent authority evaluation

Product-type 8: Film preservatives

Assessment status: Approved

Commission Implementing Regulation EU 2015/1728

15.2. Chemical safety assessment

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

Substances for which a Chemical Safety Assessment has been carried out:

2-(2-butoksietoksi)etanol; dietilen glikol monobutil eter

SECTION 16: Other information

Code	Description
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EUH071	Corrosive to the respiratory tract.
H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H311	Toxic 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.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs (T) through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
2.6/2	Flam. Liq. 2	Flammable liquid, Category 2
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/Dermal	Acute Tox. 3	Acute toxicity (dermal), Category 3
3.1/3/Inhal	Acute Tox. 3	Acute toxicity (inhalation), Category 3
3.1/3/Oral	Acute Tox. 3	Acute toxicity (oral), Category 3
3.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
3.2/1A	Skin Corr. 1A	Skin corrosion, Category 1A
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
3.4.2/1	Skin Sens. 1	Skin Sensitisation, Category 1
3.4.2/1A	Skin Sens. 1A	Skin Sensitisation, Category 1A
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/A1	Aquatic Acute 1	Acute aquatic hazard, category 1
4.1/C1	Aquatic Chronic 1	Chronic (long term) aquatic hazard, category 1
4.1/C2	Aquatic Chronic 2	Chronic (long term) aquatic hazard, category 2
4.1/C3	Aquatic Chronic 3	Chronic (long term) aquatic hazard, category 3

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008

[CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
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Aquatic Chronic 3, H412

Calculation method

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 6: Accidental release measures
- SECTION 7: Handling and storage
- 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

Scenarij izpostavljenosti

2-(2-butoxyethoxy)ethanol

Scenarij izpostavljenosti, 13/07/2021

Identiteta snovi	
	2-(2-butoxyethoxy)ethanol
št.CAS	112-34-5
Št. INDEKSA	603-096-00-8
št.EINECS	203-961-6
Registracijska številka	01-2119475104-44

Kazalo

1. **ES 1** Široko razširjena uporaba, ki jo izvajajo poklicni delavci; Premazi in barve, razredčila, sredstva za odstranjevanje barv (PC9a)

1. ES 1

Široko razširjena uporaba, ki jo izvajajo poklicni delavci; Premazi in barve, razredčila, sredstva za odstranjevanje barv (PC9a)

1.1 NASLOVNI ODSTAVEK

Ime scenarija izpostavljenosti	Gospodarska uporaba premazov in barv
Datum - revizija	23/03/2021 - 1.0
Stopnja življenjskega cikla	Široko razširjena uporaba, ki jo izvajajo poklicni delavci
Glavna uporabniška skupina	Poklicne uporabe
Sektor(-ji) uporabe	Poklicne uporabe (SU22)
Kategorije izdelkov	Premazi in barve, razredčila, sredstva za odstranjevanje barv (PC9a)

Scenarij, ki prispeva Okolje

CS1 Nizki izpusti v okolje	ERC8c - ERC8f
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Scenarij, ki prispeva Delojemalec

CS2 Dejavnosti mešanja - Površine - Brisanje - Priprava materiala za uporabo - Splošni ukrepi (snovi, ki dražijo oči)	PROC10 - PROC9 - PROC13
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1.2 Pogoji uporabe z vplivom na izpostavitve

1.2. CS1: Scenarij, ki prispeva Okolje: Nizki izpusti v okolje (ERC8c, ERC8f)

Kategorije sproščanja v okolje	Široko razširjena uporaba, rezultat katere je vključitev v ali na izdelek (notranja) - Široko razširjena uporaba, rezultat katere je vključitev v ali na izdelek (zunanja) (ERC8c, ERC8f)
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Lastnosti izdelka (proizvoda)

Fizikalna oblika izdelka:

Trdna snov, nizka prašnost

Parni tlak:

Parni tlak < 0.01 Pa pri standardni temperaturi in tlaku = 0.00022 Pa

Koncentracija substance v produktu:

Obsega delež snovi v izdelku do 100 %.

Drugi pogoji uporabe, ki vplivajo na izpostavljenost okolja

Zunanja uporaba

Dodaten nasvet iz primerov dobre prakse. Obveznosti v skladu s 4. odstavkom 37. člena Uredbe REACH ne veljajo.

Dodaten nasvet iz primerov dobre prakse:

Pršite samo navzdol ali vodoravno. Nadzorujte pravilen prenos razpoložljivih ukrepov za obvladovanje tveganj in upoštevanje pogojev delovanja.

Dodatni pogoji za zdravje ljudi

Uporaba proizvodov na podlagi topil ali na vodni podlagi

1.2. CS2: Scenarij, ki prispeva Delojemalec: Dejavnosti mešanja - Površine - Brisanje - Priprava materiala za uporabo - Splošni ukrepi (snovi, ki dražijo oči) (PROC10, PROC9, PROC13)

Kategorije procesov	Nanašanje z valjčkom ali čopičem - Prenos snovi ali zmesi v majhne vsebnike (namenska polnilna linija, vključno s tehtanjem) - Obdelava izdelkov s potapljanjem in polivanjem (PROC10, PROC9, PROC13)
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Lastnosti izdelka (proizvoda)

Fizikalna oblika izdelka:

Trdna snov, velika prašnost
Trdna snov, nizka prašnost

Parni tlak:

Parni tlak < 0.01 Pa pri standardni temperaturi in tlaku = 0.00022 Pa

Koncentracija substance v produktu:

Obsega delež snovi v izdelku do 100 %.

Uporabljena količina, pogostost in trajanje uporabe/izpostavljenost**Trajanje:**

Obsega dnevno izpostavljenost do 8 ure <= 8 h

Frekvenca:

Pogostost uporabe = 230 dnevi na leto

Tehnični in organizacijski pogoji in ukrepi**Tehnični in organizacijski ukrepi**

Zagotovite, da so upravljavci usposobljeni za zmanjšanje izpostavljenosti na minimum.

Preprečite neposreden stik z očmi, tudi z umazanimi rokami.

Preprečite neposreden stik s kožo.

Zagotovite osnovno stopnjo splošnega prezračevanja (1 do 3 izmenjav zraka na uro).

Za dodatne podatke glejte 8. odstavek varnostnega lista.

Pogoji in ukrepi glede na osebno zaščito, higieno in preverjanje zdravstvenega stanja**Osebna zaščitna oprema**

Uporabljajte primerno zaščitno oči.

Zagotoviti programe za zaščito kože zaposlenih.

Drugi pogoji uporabe, ki vplivajo na izpostavljenost delojemalcev

Zajema notranjo in zunanjo uporabo

Gospodarska uporaba

Temperatura: Obsega uporabo pri temperaturi okolice.

Dodaten nasvet iz primerov dobre prakse. Obveznosti v skladu s 4. odstavkom 37. člena Uredbe REACH ne veljajo.**Dodaten nasvet iz primerov dobre prakse:**

Nadzorujte pravilen prenos razpoložljivih ukrepov za obvladovanje tveganj in upoštevanje pogojev delovanja.

1.3 Ocena izpostavljenosti in sklicevanje na njen vir**1.3. CS1: Scenarij, ki prispeva Okolje: Nizki izpusti v okolje (ERC8c, ERC8f)****Dodatne informacije glede ocene izpostavljenosti:**

Ker ni bila ugotovljena nobena nevarnost za okolje, ni bila opravljena ocena izpostavljenosti in opis tveganja, ki bi se nanašala na okolje.

1.3. CS2: Scenarij, ki prispeva Delojemalec: Dejavnosti mešanja - Površine - Brisanje - Priprava materiala za uporabo - Splošni ukrepi (snovi, ki dražijo oči) (PROC10, PROC9, PROC13)

Pot izpostavljenosti, Učinki na zdravje, Indikatorji izpostavljenosti	Stopnja izpostavljenosti	Metoda izračuna	Stopnja opredelitve tveganja (RCR)
kombinirane poti, sistemsko, dolgoročno	N/A	ECETOC TRA delojemalec v3	< 1

1.4 Smernica za uporabnika, za ugotavljanje, ali dela znotraj omejitev scenarija izpostavitve**Vodilo za preverjanje skladnosti s scenarijem izpostavljenosti:**

Če so bili sprejeti dodatni ukrepi za upravljanje s tveganji/pogoji za uporabo, morajo uporabniki zagotoviti vsaj enakovredno raven upravljanja s tveganji.