

Amarella CREASE RELEASER FRAGRANCE FREE

ODJELJAK 1: IDENTIFIKACIJA TVARI/SMJESE I PODACI O TVRTKI/PODUZEĆU

- 1.1 Identifikacija proizvoda:** Amarella CREASE RELEASER FRAGRANCE FREE
- Drugi načini identifikacije:**
Nije relevantno
- 1.2 Utvrđene relevantne uporabe tvari ili smjese i uporabe koje se ne preporučuju:**
Relevantne uporabe (potrošačka uporaba): Sprej protiv gužvanja, uklanja nabore iz tkanine.
Uporabe koje se ne preporučuju: Sve uporabe koje nisu navedene u ovom odjeljku ili u odjeljku 7.3
- 1.3 Podaci o dobavljaču sigurnosno-tehničkog lista:**
MB ELIX sp. z oo sp.k.
ul. Skarżyńskiego 26
54-530 Wrocław - Poljska
Telefon: 0048 71 387 85 33 - Fax: 0048 71 722 29 68
lab@elix.pl
www.elixscent.com
- 1.4 Broj telefona za hitne situacije:** 0048 71 387 85 33 (8.00-16.00)

ODJELJAK 2: IDENTIFIKACIJA OPASNOSTI

- 2.1 Razvrstavanje tvari ili smjese:**
Uredba CLP (EZ) br. 1272/2008:
Proizvod nije razvrstan kao opasan prema Uredbi CLP (EZ) br. 1272/2008.
- 2.2 Elementi označavanja:**
Uredba CLP (EZ) br. 1272/2008:
Oznake upozorenja:
Nije relevantno
Oznake obavijesti:
P101: Ako je potrebna liječnička pomoć pokažite spremnik ili naljepnicu.
P102: Čuvati izvan dohvata djece.
P501: Odložite sadržaj/spremnik u skladu sa sustavom odvojenog prikupljanja otpada koji vrijedi u vašoj općini.
Dopunske informacije:
EUH208: Sadrži (naziv tvari za koju je utvrđeno da izaziva preosjetljivost). Može izazvati alergijsku reakciju.
- 2.3 Ostale opasnosti:**
Proizvod ne zadovoljava PBT/vPvB kriterije
Svojstva endokrinih disruptora: Proizvod ne zadovoljava kriterije.

ODJELJAK 3: SASTAV/INFORMACIJE O SASTOJCIMA

- 3.1 Tvar:**
Nije relevantno
- 3.2 Smjesa:**
Kemijski opis: Smjesa sastavljena od kemijskih proizvoda
Sastojci:
U skladu s Prilogom II Uredbi (EZ) br. 1907/2006 (točka 3), proizvod sadrži:

Identifikacija	Kemijski naziv/Razvrstavanje	Koncentracija
CAS: 64-17-5 EZ: 200-578-6 Index: 603-002-00-5 REACH: 01-2119457610-43-XXXX	etanol(1) Uredba 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 2: H225 - Lako zapaljiva tekućina i para.	Vlastito razvrstavanje 2 - <3%

(1) Tvari koje predstavljaju opasnost za zdravlje ili okoliš i zadovoljavaju kriterije iz Uredbe (EU) br. 2020/878

Amarella CREASE RELEASER FRAGRANCE FREE

ODJELJAK 3: SASTAV/INFORMACIJE O SASTOJCIMA (nastavak)

Identifikacija	Kemijski naziv/Razvrstavanje	Koncentracija
CAS: 2634-33-5 EZ: 220-120-9 Index: 613-088-00-6 REACH: 01-2120761540-60	1,2-benzizotiazol-3(2H)-on(1) Uredba 1272/2008 ATP ATP21 Acute Tox. 2: H330; Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Može izazvati alergijsku reakciju na koži.	0.01 - <0.036%

(1) Tvari koje predstavljaju opasnost za zdravlje ili okoliš i zadovoljavaju kriterije iz Uredbe (EU) br. 2020/878

Za više informacija o opasnostima tvari pogledajte odjeljke 11, 12 i 16.

Ostale informacije:

Identifikacija	Posebna granična koncentracija
etanol CAS: 64-17-5 EZ: 200-578-6	% (w/w) >=50: Eye Irrit. 2 - H319
1,2-benzizotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	% (w/w) >=0,036: Skin Sens. 1A - H317

ODJELJAK 4: MJERE PRVE POMOĆI

4.1 Opis mjera prve pomoći:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

Udisanjem:

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air i keep at rest. Request medical attention if symptoms persist.

Dodirom s kožom:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes i shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water i neutral soap. In case of serious reaction consult a doctor.

Dodirom s očima:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

Gutanjem/udisanjem:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth i throat, as they may have been affected during ingestion.

4.2 Najvažniji simptomi i učinci, akutni i odgođeni:

Akutni i odgođeni učinci navedeni su u odjeljcima 2 i 11.

4.3 Upućivanje na potrebu hitne liječničke pomoći i posebne obrade:

Nije relevantno

ODJELJAK 5: MJERE ZA SUZBIJANJE POŽARA

5.1 Sredstva za gašenje:

Prikladna sredstva za gašenje:

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

Neprikladna sredstva za gašenje:

Voda jet

5.2 Posebne opasnosti koje proizlaze iz tvari ili smjese:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Savjeti za vatrogasce:

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ODJELJAK 5: MJERE ZA SUZBIJANJE POŽARA (nastavak)

Depending on the magnitude of the fire it may be necessary to use full protective clothing i Self Contained Breathing Apparatus. Minimum emergency facilities i equipment should be available (fire blankets, portable first aid kit,...)

Dodatne odredbe:

Act in accordance with the Internal Emergency Plan i the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers i tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

ODJELJAK 6: MJERE KOD SLUČAJNOG ISPUŠTANJA

6.1 Osobne mjere opreza, zaštitna oprema i postupci u slučaju opasnosti:

Za osoblje koje nije angažirano u hitnim situacijama:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area i keep out those without ruku. Personal ruku equipment must be used against potential contact with the spilt product (See section 8).

Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium.

Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, i also ensuring that all surfaces are connected to the ground.

Za interventno osoblje:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Mjere zaštite okoliša:

It is recommended to avoid environmental spillage of both the product i its container.

6.3 Metode i materijali za sprječavanje širenja i čišćenje:

Preporučuje se:

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent i move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers i manage it according to current nacionalnog zakonodavstva.

Prolivi u vodu ili more:

Mali prolivi:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection i treat the waste in accordance with current regulations.

Veliki prolivi:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread i collect the product with suitable mechanical means. Always consult experts before using dispersants i make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

6.4 Upućivanje na druge odjeljke:

Vidi odjeljke 8 i 13.

ODJELJAK 7: RUKOVANJE I SKLADIŠTENJE

7.1 Mjere opreza za sigurno rukovanje:

A.- Opće mjere opreza za sigurnu uporabu

Comply with the current nacionalnog zakonodavstva concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness i dispose of using safe methods (section 6).

B.- Tehničke preporuke za sprječavanje požara i eksplozija

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) i transfer at slow speeds to avoid the

creation of electrostatic charges. Consult section 10 for conditions i materials that should be avoided.

C.- Tehničke preporuke o općoj higijeni na radnom mjestu

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Tehničke preporuke za sprječavanje rizika za okoliš

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Uvjeti za sigurno skladištenje, uključujući sve nekompatibilnosti:

A.- Posebni zahtjevi za skladištenje

Min. temp.: 5 °C

- NASTAVAK NA SLJEDEĆOJ STRANICI -

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ODJELJAK 7: RUKOVANJE I SKLADIŠTENJE (nastavak)

Maks. temp.: 35 °C
Maks. vrijeme: 36 mjeseci

B.- Opći uvjeti skladištenja

Avoid sources of heat, radiation, static electricity i contact with food. For additional information see subsection 10.5

7.3 Posebna krajnja uporaba(-e):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

ODJELJAK 8: NADZOR NAD IZLOŽENOŠĆU/OSOBNJA ZAŠTITA

8.1 Kontrolni parametri:

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific nacionalnog zakonodavstva):

There are no applicable occupational exposure limits for the substances contained in the product

DNEL (radnici):

Identifikacija		Kratkotrajna izloženost		Dugotrajna izloženost	
		Sistemska	Lokalno	Sistemska	Lokalno
etanol CAS: 64-17-5 EZ: 200-578-6	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	380 mg/m ³	Nije relevantno
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	0,966 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	6,81 mg/m ³	Nije relevantno

DNEL (opća populacija):

Identifikacija		Kratkotrajna izloženost		Dugotrajna izloženost	
		Sistemska	Lokalno	Sistemska	Lokalno
etanol CAS: 64-17-5 EZ: 200-578-6	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	114 mg/m ³	Nije relevantno
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	0,345 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	1,2 mg/m ³	Nije relevantno

PNEZ:

Identifikacija		Kratkotrajna izloženost		Dugotrajna izloženost	
		Sistemska	Lokalno	Sistemska	Lokalno
etanol CAS: 64-17-5 EZ: 200-578-6	STP	580 mg/L	Slatka voda	0,96 mg/L	
	Tlo	0,63 mg/kg	Morska voda	0,79 mg/L	
	Povremeno	2,75 mg/L	Sediment (slatka voda)	3,6 mg/kg	
	Oralno	0,38 g/kg	Sediment (morska voda)	2,9 mg/kg	
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	STP	1,03 mg/L	Slatka voda	0,00403 mg/L	
	Tlo	3 mg/kg	Morska voda	0,000403 mg/L	
	Povremeno	0,0011 mg/L	Sediment (slatka voda)	0,0499 mg/kg	
	Oralno	Nije relevantno	Sediment (morska voda)	0,00499 mg/kg	

8.2 Nadzor nad izloženosti:

A.- Mjere osobne zaštite, kao što je osobna zaštitna oprema

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of ruku,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.



B.- Zaštita dišnih putova

Amarella CREASE RELEASER FRAGRANCE FREE

ODJELJAK 8: NADZOR NAD IZLOŽENOŠĆU/OSOBNJA ZAŠTITA (nastavak)



If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory ruku equipment chosen by a qualified professional should be used.

C.- Posebna zaštita ruku



Piktogram	PPE	Označavanje	Norma CEN	Napomene
 Obvezna zaštita ruku	Protective gloves against minor risks			Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN ISO 21420:2020 i EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability i has therefore to be checked prior to the application.

D.- Zaštita očiju i lica



Piktogram	PPE	Označavanje	Norma CEN	Napomene
 Obvezna zaštita ruku	Panoramic glasses against splash/projections.		EN 166:2002 EN ISO 4007:2018	Clean daily i disinfect periodically according to the manufacturer 's instructions. Use if there is a risk of splashing.

E.- Zaštita tijela

Piktogram	PPE	Označavanje	Norma CEN	Napomene
	Radna odjeća			Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Radna obuća otporna na klizanje		EN ISO 20347:2022	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019

F.- Dodatne mjere u slučaju opasnosti

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Hitna mjera	Norme	Hitna mjera	Norme
 Tuš za hitne slučajeve	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Postaja za ispiranje očiju	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Nadzor izloženosti okoliša:

To comply with environmental ruku regulations, it is recommended to prevent any spillage of the product i its container. For more detailed information, please refer to subsection 7.1.D.

ODJELJAK 9: FIZIKALNA I KEMIJSKA SVOJSTVA

9.1 Informacije o osnovnim fizikalnim i kemijskim svojstvima:

Za potpune informacije vidjeti tehnički list proizvoda.

Izgled:

Fizičko stanje pri 20 °C:

Tekućina

Izgled:

Tekuće

Boja:

Bezbojno

Miris:

Odourless

Prag mirisa:

Nije relevantno *

Hlapljivost:

*Nije relevantno zbog prirode proizvoda, ne pruža informacije o svojstvima opasnosti.

Amarella CREASE RELEASER FRAGRANCE FREE

ODJELJAK 9: FIZIKALNA I KEMIJSKA SVOJSTVA (nastavak)

Vrelište pri atmosferskom tlaku:	99 °C
Tlak para pri 20 °C:	2401 Pa
Tlak para pri 50 °C:	12603,23 Pa (12,6 kPa)
Brzina isparavanja pri 20 °C:	Nije relevantno *
Opis proizvoda:	
Gustoća pri 20 °C:	1022,8 kg/m ³
Relativna gustoća pri 20 °C:	1,023
Dinamička viskoznost pri 20 °C:	Nije relevantno *
Kinematička viskoznost pri 20 °C:	Nije relevantno *
Kinematička viskoznost pri 40 °C:	Nije relevantno *
Koncentracija:	Nije relevantno *
pH:	Nije relevantno *
Gustoća para pri 20 °C:	Nije relevantno *
Koeficijent raspodjele n-oktanol/voda pri 20 °C:	Nije relevantno *
Topljivost u vodi pri 20 °C:	Nije relevantno *
Svojstva topljivosti:	Nije relevantno *
Temperatura razgradnje:	Nije relevantno *
Talište/ledište:	Nije relevantno *
Zapaljivost:	
Plamište:	67 °C
Zapaljivost (krutina, plin):	Nije relevantno *
Temperatura samozapaljenja:	399 °C
Donja granica zapaljivosti:	Nije relevantno *
Gornja granica zapaljivosti:	Nije relevantno *
Svojstva čestica:	
Medijan ekvivalentnog promjera:	Nije relevantno *
9.2 Ostale informacije:	
Informacije o razredima fizikalne opasnosti:	
Eksplzivna svojstva:	Nije relevantno *
Oksidacijska svojstva:	Nije relevantno *
Nagriza metale:	Nije relevantno *
Toplina izgaranja:	Nije relevantno *
Aerosoli – ukupni postotak (masa) zapaljivih sastojaka:	Nije relevantno *
Ostale sigurnosne značajke:	
Površinska napetost pri 20 °C:	Nije relevantno *
Indeks loma:	Nije relevantno *

*Nije relevantno zbog prirode proizvoda, ne pruža informacije o svojstvima opasnosti.

ODJELJAK 10: STABILNOST I REAKTIVNOST

10.1 Reaktivnost:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Kemijska stabilnost:

Chemically stable under the indicated conditions of storage, handling i use.

10.3 Mogućnost opasnih reakcija:

- NASTAVAK NA SLJEDEĆOJ STRANICI -

Amarella CREASE RELEASER FRAGRANCE FREE

ODJELJAK 10: STABILNOST I REAKTIVNOST (nastavak)

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Uvjeti koje treba izbjegavati:

Applicable for handling i storage at room temperature:

Udar i trenje	Dodir sa zrakom	Povećanje temperature	Sunčeva svjetlost	Vlaga
Nije primjenjivo	Nije primjenjivo	Oprez	Oprez	Nije primjenjivo

10.5 Nekompatibilni materijali:

Kiseline	Voda	Oksidacijski materijali	Zapaljivi materijali	Ostalo
Izbjegavati jake kiseline	Nije primjenjivo	Izbjegavati izravni udar	Nije primjenjivo	Izbjegavati lužine ili jake baze

10.6 Opasni proizvodi razgradnje:

See subsection 10.3, 10.4 i 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide i other organic compounds.

ODJELJAK 11: TOKSIKOLOŠKE INFORMACIJE

11.1 Informacije o razredima opasnosti utvrđenima Uredbom (EZ) br. 1272/2008:

The experimental information related to the toxicological properties of the product itself is not available

Opasnostous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Gutanje (akutni učinak):

- Akutna toksičnost: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Udisanje (akutni učinak):

- Akutna toksičnost : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

C- Dodir s kožom i očima (akutni učinak):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

D- CMR učinci (karcinogenost, mutagenost i toksičnost za reprodukciju):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: etanol (1); propan-2-ol (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Učinci senzibilizacije:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Koža: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F- Specifična toksičnost za ciljane organe (STOT) – jednokratna izloženost:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

G- Specifična toksičnost za ciljane organe (STOT) – ponavljana izloženost:

Amarella CREASE RELEASER FRAGRANCE FREE

ODJELJAK 11: TOKSIKOLOŠKE INFORMACIJE (nastavak)

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Koža: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Opasnost od udisanja:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Ostale informacije:

Nije relevantno

Posebne toksikološke informacije o tvarima:

Identifikacija	Akutna toksičnost		Vrsta
etanol CAS: 64-17-5 EZ: 200-578-6	LD50 oralno	6200 mg/kg	Štakor
	LD50 dermalno	20000 mg/kg	Kunić
	LC50 udisanje (pare)	124,7 mg/L (4 h)	Štakor
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	LD50 oralno	450 mg/kg	
	LD50 dermalno		
	LC50 udisanje dust	0,21 mg/L (4 h)	

11.2 Informacije o ostalim opasnostima:

Svojstva endokrinih disruptora

Svojstva endokrinih disruptora: Proizvod ne zadovoljava kriterije.

Ostale informacije

Nije relevantno

ODJELJAK 12: EKOLOŠKE INFORMACIJE

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Toksičnost:

Akutna toksičnost:

Identifikacija	Koncentracija		Vrsta	Vrsta
	etanol CAS: 64-17-5 EZ: 200-578-6	LC50	11000 mg/L (96 h)	Alburnus alburnus
EC50		9268 mg/L (48 h)	Daphnia magna	Rakovi
EC50		1450 mg/L (192 h)	Microcystis aeruginosa	Alge
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	LC50	2,18 mg/L (96 h)	Oncorhynchus mykiss	Ribe
	EC50	2,9 mg/L (48 h)	Daphnia magna	Rakovi
	EC50	0,11 mg/L (72 h)	Pseudokirchneriella subcapitata	Alge

Kronična toksičnost:

Identifikacija	Koncentracija		Vrsta	Vrsta
	etanol CAS: 64-17-5 EZ: 200-578-6	NOEC	250 mg/L	Danio rerio
NOEC		2 mg/L	Ceriodaphnia dubia	Rakovi

12.2 Postojanost i razgradljivost:

Informacije specifične za tvar:

Identifikacija	Razgradljivost		Biološka razgradljivost	
	etanol CAS: 64-17-5 EZ: 200-578-6	BOD5	Nije relevantno	Koncentracija
COD		Nije relevantno	Razdoblje	14 dana
BOD5/COD		Nije relevantno	% biološki razgradivo	89 %
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	BOD5	Nije relevantno	Koncentracija	1 mg/L
	COD	Nije relevantno	Razdoblje	63 dana
	BOD5/COD	Nije relevantno	% biološki razgradivo	85 %

- NASTAVAK NA SLJEDEĆOJ STRANICI -

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ODJELJAK 12: EKOLOŠKE INFORMACIJE (nastavak)

12.3 Bioakumulacijski potencijal:

Informacije specifične za tvar:

Identifikacija	Potencijal bioakumulacije	
etanol CAS: 64-17-5 EZ: 200-578-6	BCF	3
	Pow Log	-0.31
	Potencijal	Nizak
1,2-benzizotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	BCF	7
	Pow Log	0.7
	Potencijal	Nizak

12.4 Pokretljivost u tlu:

Identifikacija	Apsorpcija/desorpcija		Hlapljivost	
etanol CAS: 64-17-5 EZ: 200-578-6	Koc	1	Henry	4,61E-1 Pa·m ³ /mol
	Zaključak	Vrlo visok	Suho tlo	Da
	Površinska napetost	2,339E-2 N/m (25 °C)	Vlažno tlo	Da
1,2-benzizotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	Koc	9.33	Henry	Nije relevantno
	Zaključak	Vrlo visok	Suho tlo	Nije relevantno
	Površinska napetost	Nije relevantno	Vlažno tlo	Nije relevantno

12.5 Rezultati procjene PBT i vPvB:

Proizvod ne zadovoljava PBT/vPvB kriterije

12.6 Svojstva endokrinih disruptora:

Svojstva endokrinih disruptora: Proizvod ne zadovoljava kriterije.

12.7 Ostali štetni učinci:

Nije opisano

ODJELJAK 13: ZBRINJAVANJE

13.1 Metode obrade otpada:

Kod	Opis	Razred otpada (Uredba (EU) br. 1357/2014)
20 01 30	deterdženti koji nisu navedeni pod 20 01 29	Neopasni

Vrsta otpada (Uredba (EU) br. 1357/2014):

Nije relevantno

Gospodarenje otpadom (zbrinjavanje i procjena):

Consult the authorized waste service manager on the assessment i disposal operations in accordance with Annex 1 i Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code i in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

Propisi koji se odnose na gospodarenje otpadom:

In accordance with Annex II of Regulation (EC) Ne 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community nacionalnog zakonodavstva: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) Ne 1357/2014

ODJELJAK 14: PODACI O PRIJEVOZU

Ovaj proizvod nije reguliran za prijevoz (ADR/RID, IMDG, IATA)

ODJELJAK 15: INFORMACIJE O PROPISIMA

15.1 Safety, health i environmental regulations/nacionalnog zakonodavstva specific for the substance or mixture:

- Uredba (EZ) br. 528/2012: sadrži konzervans za zaštitu prvotnih svojstava tretiranog proizvoda. Sadrži 1,2- benzisothiazol-3(2H)-one.

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ODJELJAK 15: INFORMACIJE O PROPISIMA (nastavak)

- Article 95, REGULATION (EU) No 528/2012: *ethanol (64-17-5) - PT: (1,2,4,6) ; 1,2-benzisothiazol-3(2H)-one (2634-33-5)-PT: (2,6,9,11,12,13)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

Uredba (EZ) br. 648/2004 o deterdžentima:

U skladu s ovom Uredbom proizvod ispunjava sljedeće:

Označavanje sastava:

Konzervansi: 1,2-benzisotiazol-3(2H)-on (BENZISOTHIAZOLINONE).

Ograničenja u trgovanju i uporabi određenih opasnih tvari i smjesa (Prilog XVII REACH, itd.):

Nije relevantno

Posebne odredbe u pogledu zaštite ljudi ili okoliša:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage i disposal of this product.

Other nacionalnog zakonodavstva:

The product could be affected by sectorial nacionalnog zakonodavstva

- Regulation (EC) Ne 1223/2009 of the European Parliament i of the Council of 30 November 2009 on cosmetic products
- Regulation (EC) Ne 648/2004 of the European Parliament i of the Council of 31 March 2004 on detergents
- Commission Regulation (EC) Ne 907/2006 of 20 June 2006 amending Regulation (EC) Ne 648/2004 of the European Parliament i of the Council on detergents, in order to adapt Annexes III i VII
- Commission Regulation (EC) Ne 551/2009 of 25 June 2009 amending Regulation (EC) Ne 648/2004 of the European Parliament i of the Council on detergents, in order to adapt Annexes V i VI thereto (surfactant derogation)

15.2 Procjena kemijske sigurnosti:

Dobavljač nije proveo procjenu kemijske sigurnosti.

ODJELJAK 16: OSTALE INFORMACIJE

Zakonodavstvo o sigurnosno-tehničkim listovima:

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) Ne 1907/2006

(COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

Nije relevantno

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes i refer to the individual components which appear in section 3

Uredba CLP (EZ) br. 1272/2008:

Acute Tox. 2: H330 - Smrtonosno ako se udiše.

Acute Tox. 4: H302 - Štetno ako se proguta.

Aquatic Acute 1: H400 - Vrlo otrovno za vodeni okoliš.

Aquatic Chronic 1: H410 - Vrlo otrovno za vodeni okoliš, s dugotrajnim učincima.

Eye Irrit. 2: H319 - Uzrokuje jako nadraživanje oka.

Flam. Liq. 2: H225 - Lako zapaljiva tekućina i para.

Skin Irrit. 2: H315 - Nadražuje kožu.

Skin Sens. 1A: H317 - Može izazvati alergijsku reakciju na koži.

Postupak razvrstavanja:

Nije relevantno

Preporuke za osposobljavanje:

Training is recommended in order to prevent industrial risks for staff using this product i to facilitate their comprehension i interpretation of this safety data sheet, as well as the label on the product.

Glavni bibliografski izvori:

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ODJELJAK 16: OSTALE INFORMACIJE (nastavak)

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Kratice i akronimi:

ADR: Europski sporazum o međunarodnom cestovnom prijevozu opasnih tvari IMDG: Međunarodni pomorski pravilnik o opasnim tvarima

IATA: Međunarodna udruga zračnih prijevoznika

ICAO: Međunarodna organizacija civilnog zrakoplovstva

COD: Kemijska potreba za kisikom

BOD5: Petodnevna biokemijska potreba za kisikom

BCF: Faktor biokoncentracije

LD50: Letalna doza 50

LC50: Letalna koncentracija 50

EC50: Efektivna koncentracija 50

LogPOW: Koeficijent raspodjele oktanol-voda

Koc: Koeficijent raspodjele organskog ugljika

UFI: Jedinstveni identifikator formule

IARC: Međunarodna agencija za istraživanje raka

The information contained in this safety data sheet is based on sources, technical knowledge i current nacionalnog zakonodavstva at European i state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology i conditions for users of this product are not within our awareness or control, i it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use i disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.