


Amarella LAUNDRY PERFUME TROPICALA

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

- 1.1 Identifikacija proizvoda:** Amarella LAUNDRY PERFUME TROPICALA
Drugi načini identifikacije:
UFI: TC01-POV0-4005-8PXT
- 1.2 Utvrđene relevantne uporabe tvari ili smjese i uporabe koje se ne preporučuju:**
Relevantne uporabe (potrošačka uporaba): Parfem za rublje.
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:
Razvrstavanje ovog proizvoda provedeno je u skladu s Uredbom CLP (EZ) br. 1272/2008.
Skin Sens. 1B: Senzibilizacija kože, kategorija 1B, H317
- 2.2 Elementi označavanja:**
Uredba CLP (EZ) br. 1272/2008:
Upozorenje
- 
- Oznake upozorenja:**
H317 - Može izazvati alergijsku reakciju na koži.
- Oznake obavijesti:**
P101: Ako je potrebna liječnička pomoć pokažite spremnik ili naljepnicu.
P102: Čuvati izvan dohvata djece.
P302+P352: U SLUČAJU DODIRA S KOŽOM: oprati sa puno vode.
P332+P313: U slučaju nadražaja kože: zatražiti savjet/pomoć liječnika.
P501: Odložite sadržaj/spremnik u skladu sa sustavom odvojenog prikupljanja otpada koji vrijedi u vašoj općini.
- Dopunske informacije:**
Sadrži linalool, cineole, 4-tert-butylcyclohexyl acetate, d-limonene, coumarin, citral, [1(E),2(E)]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one, 1,2-benzizotiazol-3(2H)-on.
- UFI:** TC01-POV0-4005-8PXT
- 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:

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ODJELJAK 3: SASTAV/INFORMACIJE O SASTOJcima (nastavak)

Identifikacija	Kemijski naziv/Razvrstavanje	Koncentracija
CAS: 34590-94-8 EZ: 252-104-2 Index: Nije relevantno REACH: 01-2119450011-60-XXXX	Dipropilenglikol metil eter(1) Uredba 1272/2008 Nije razvrstano	5 - <7,5 %
CAS: 64-17-5 EZ: 200-578-6 Index: 603-002-00-5 REACH: 01-2119457610-43-XXXX	etanol(2) Uredba 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 2: H225 - Lako zapaljiva tekućina i para.	4 - <5 %
CAS: 18479-58-8 EZ: 242-362-4 Index: Nije relevantno REACH: 01-2119457274-37-XXXX	2,6-dimetiloct-7-en-2-ol(2) Uredba 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H336 - Može izazvati pospanost ili vrtoglavicu.	2 - <3 %
CAS: 78-70-6 EZ: 201-134-4 Index: 603-235-00-2 REACH: 01-2119474016-42-XXXX	Linalool(2) Uredba 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317 - Može izazvati alergijsku reakciju na koži.	1 - <2 %
CAS: 470-82-6 EZ: 207-431-5 Nije relevantno Index: Nije relevantno REACH: 01-2119967772-24-XXXX	Cineole(2) Uredba 1272/2008 Flam. Liq. 2: H226; Skin Sens. 1B: H317 - Može izazvati alergijsku reakciju na koži.	0,75 - <1 %
CAS: 32210-23-4 EZ: 250-954-9 Nije relevantno Index: Nije relevantno REACH: 01-2119976286-24-XXXX	4-tert-butylcyclohexyl acetate(2) Uredba 1272/2008 Skin Sens. 1B: H317 - Može izazvati alergijsku reakciju na koži.	0,5 - <0,75 %
CAS: Nije relevantno EZ: 916-328-0 Nije relevantno Index: Nije relevantno REACH: 01-2120794630-50-XXXX	Reakcijska smjesa allyl (2-methylbutoxy)acetate i allyl (3-methylbutoxy)acetate(2) Uredba 1272/2008 Acute Tox. 4: H302+H312; Aquatic Acute 1: H400; STOT RE 2: H373 - Može uzrokovati oštećenje organa tijekom proizvodnje ili ponovljane izloženosti.	0,25 - <0,5 %
CAS: 5989-27-5 EZ: 227-813-5 Index: 601-096-00-2 REACH: 01-2119529223-47-XXXX	d-limonene(2) Uredba 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Asp. Tox. 1: H304; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Može izazvati alergijsku reakciju na koži.	0,25 - <0,5 %
CAS: 91-64-5 EZ: 202-086-7 Nije relevantno Index: Nije relevantno REACH: 01-2119949300-45-XXXX	Coumarin(2) Uredba 1272/2008 Acute Tox. 4: H302; Aquatic Chronic 3: H412; Skin Sens. 1B: H317 - Može izazvati alergijsku reakciju na koži.	0,25 - <0,5 %
CAS: 5392-40-5 EZ: 226-394-6 Index: 605-019-00-3 REACH: 01-2119462829-23-XXXX	Citral(2) Uredba 1272/2008 Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Može izazvati alergijsku reakciju na koži.	0,1 - <0,25 %
CAS: 78-93-3 EZ: 201-159-0 Index: 606-002-00-3 REACH: 01-2119457290-43-XXXX	Butanone(1) Uredba 1272/2008 Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Opasnost	0,036 - <0,1 %
CAS: 71048-82-3 EZ: 275-156-8 Nije relevantno Index: Nije relevantno REACH: 01-2119535122-53-XXXX	[1,2-(E),2,3]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one(2) Uredba 1272/2008 Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Irrit. 2: H315; Skin Sens. 1A: H317 - Može izazvati alergijsku reakciju na koži.	0,01 - <0,036 %
CAS: 2634-33-5 EZ: 220-120-9 Index: 613-088-00-6 REACH: 01-2120761540-60-XXXX	1,2-benzotiazol-3(2H)-on(2) Uredba 1272/2008 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) Tvar s graničnom vrijednošću izloženosti na radnom mjestu na razini Unije

(2) 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-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	% (w/w) >=0,036: Skin Sens. 1A - H317

Procjena akutne toksičnosti za tvar iz dijela 3 Priloga VI Uredbi (EZ) br. 1272/2008 ili utvrđena u skladu s Prilogom I toj Uredbi:

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ODJELJAK 3: SASTAV/INFORMACIJE O SASTOJCIMA (nastavak)

Identifikacija	Akutna toksičnost		Vrsta
Linalool CAS: 78-70-6 EZ: 201-134-4	LD50 oralno	3500 mg/kg	Štakor
	LD50 dermalno	Nije relevantno	
	LC50 udisanje (pare)	Nije relevantno	
etanol CAS: 64-17-5 EZ: 200-578-6	LD50 oralno	Nije relevantno	
	LD50 dermalno	Nije relevantno	
	LC50 udisanje (pare)	124,7 mg/L	Štakor
Reakcijska smjesa allyl (2-methylbutoxy)acetate i allyl (3-methylbutoxy)acetate CAS: Nije relevantno EZ: 916-328-0	LD50 oralno	1150 mg/kg	Štakor
	LD50 dermalno	1500 mg/kg	Štakor
	LC50 udisanje (pare)	Nije relevantno	
Coumarin CAS: 91-64-5 EZ: 202-086-7	LD50 oralno	500 mg/kg	Štakor
	LD50 dermalno	Nije relevantno	
	LC50 udisanje (pare)	Nije relevantno	
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	LD50 oralno	1400 mg/kg	Štakor
	LD50 dermalno	Nije relevantno	
	LC50 udisanje (pare)	Nije relevantno	
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	LD50 oralno	450 mg/kg	
	LD50 dermalno	Nije relevantno	
	LC50 udisanje (pare)	0,5 mg/L	

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:

Remove contaminated clothing i footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

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:

Product is non-flammable under normal conditions of storage, handling i use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire ruku systems.

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ODJELJAK 5: MJERE ZA SUZBIJANJE POŽARA (nastavak)

Neprikladna sredstva za gašenje:

Nije primjenjivo

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:

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

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ODJELJAK 7: RUKOVANJE I SKLADIŠTENJE (nastavak)

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
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):

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identifikacija	Granične vrijednosti izloženosti na radnom mjestu		
	IOELV (8h)	IOELV (STEL)	
Dipropilenglikol metil eter (1) CAS: 34590-94-8 EZ: 252-104-2	50 ppm		308 mg/m ³
Butanone CAS: 78-93-3 EZ: 201-159-0	200 ppm	300 ppm	600 mg/m ³ 900 mg/m ³

(1) Koža

DNEL (radnici):

Identifikacija		Kratkotrajna izloženost		Dugotrajna izloženost	
		Sistemska	Lokalno	Sistemska	Lokalno
Dipropilenglikol metil eter CAS: 34590-94-8 EZ: 252-104-2	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	283 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	308 mg/m ³	Nije relevantno
etanol CAS: 64-17-5 EZ: 200-578-6	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	343 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	950 mg/m ³	Nije relevantno
2,6-dimetil-2-7-en-2-ol CAS: 18479-58-8 EZ: 242-362-4	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	20,8 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	73,5 mg/m ³	Nije relevantno
Linalool CAS: 78-70-6 EZ: 201-134-4	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	3,5 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	24,58 mg/m ³	Nije relevantno
Cineole CAS: 470-82-6 EZ: 207-431-5	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	2 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	7,05 mg/m ³	Nije relevantno
Reakcijska smjesa allyl (2-methylbutoxy)acetate i allyl (3-methylbutoxy)acetate CAS: Nije relevantno EZ: 916-328-0	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	0,14 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	0,493 mg/m ³	Nije relevantno
d-limonene CAS: 5989-27-5 EZ: 227-813-5	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	9,5 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	66,7 mg/m ³	Nije relevantno

- NASTAVAK NA SLJEDEĆOJ STRANICI -

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ODJELJAK 8: NADZOR NAD IZLOŽENOŠĆU/O SOBNA ZAŠTITA (nastavak)

Identifikacija		Kratkotrajna izloženost		Dugotrajna izloženost	
		Sistemiški	Lokalno	Sistemiški	Lokalno
Coumarin CAS: 91-64-5 EZ: 202-086-7	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	0,79 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	6,78 mg/m ³	Nije relevantno
Citral CAS: 5392-40-5 EZ: 226-394-6	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	1,7 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	9 mg/m ³	Nije relevantno
Butanone CAS: 78-93-3 EZ: 201-159-0	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	1161 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	600 mg/m ³	Nije relevantno
[1α(E),2β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	Oralno	Nije relevantno	Nije relevantno	Nije relevantno	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	0,4 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	1,5 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	
		Sistemiški	Lokalno	Sistemiški	Lokalno
Dipropilenglikol metil eter CAS: 34590-94-8 EZ: 252-104-2	Oralno	Nije relevantno	Nije relevantno	36 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	121 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	37,2 mg/m ³	Nije relevantno
etanol CAS: 64-17-5 EZ: 200-578-6	Oralno	Nije relevantno	Nije relevantno	87 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	206 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	114 mg/m ³	Nije relevantno
2,6-dimetiloct-7-en-2-ol CAS: 18479-58-8 EZ: 242-362-4	Oralno	Nije relevantno	Nije relevantno	12,5 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	12,5 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	21,7 mg/m ³	Nije relevantno
Linalool CAS: 78-70-6 EZ: 201-134-4	Oralno	Nije relevantno	Nije relevantno	2,49 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	1,25 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	4,33 mg/m ³	Nije relevantno
Cineole CAS: 470-82-6 EZ: 207-431-5	Oralno	Nije relevantno	Nije relevantno	600 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	1 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	1,74 mg/m ³	Nije relevantno
Reakcijska smjesa allyl (2-methylbutoxy)acetate i allyl (3-methylbutoxy)acetate CAS: Nije relevantno EZ: 916-328-0	Oralno	Nije relevantno	Nije relevantno	0,05 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	0,05 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	0,087 mg/m ³	Nije relevantno
d-limonene CAS: 5989-27-5 EZ: 227-813-5	Oralno	Nije relevantno	Nije relevantno	4,8 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	4,8 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	16,6 mg/m ³	Nije relevantno
Coumarin CAS: 91-64-5 EZ: 202-086-7	Oralno	Nije relevantno	Nije relevantno	0,39 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	0,39 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	1,69 mg/m ³	Nije relevantno
Citral CAS: 5392-40-5 EZ: 226-394-6	Oralno	Nije relevantno	Nije relevantno	0,6 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	1 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	2,7 mg/m ³	Nije relevantno
Butanone CAS: 78-93-3 EZ: 201-159-0	Oralno	Nije relevantno	Nije relevantno	31 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	412 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	106 mg/m ³	Nije relevantno

- NASTAVAK NA SLJEDEĆOJ STRANICI -

Amarella LAUNDRY PERFUME TROPICALA

ODJELJAK 8: NADZOR NAD IZLOŽENOŠĆU/O SOBNA ZAŠTITA (nastavak)

Identifikacija		Kratkotrajna izloženost		Dugotrajna izloženost	
		Sistemska	Lokalno	Sistemska	Lokalno
[1o(E),2B]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	Oralno	Nije relevantno	Nije relevantno	0,25 mg/kg	Nije relevantno
	Dermalno	Nije relevantno	Nije relevantno	0,25 mg/kg	Nije relevantno
	Udisanjem	Nije relevantno	Nije relevantno	0,43 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				
Dipropilenglikol metil eter CAS: 34590-94-8 EZ: 252-104-2	STP	4168 mg/L	Slatka voda	19 mg/L
	Tlo	2,74 mg/kg	Morska voda	1,9 mg/L
	Povremeno	190 mg/L	Sediment (slatka voda)	70,2 mg/kg
	Oralno	Nije relevantno	Sediment (morska voda)	7,02 mg/kg
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
2,6-dimetiloct-7-en-2-ol CAS: 18479-58-8 EZ: 242-362-4	STP	10 mg/L	Slatka voda	0,0278 mg/L
	Tlo	0,103 mg/kg	Morska voda	0,00278 mg/L
	Povremeno	0,278 mg/L	Sediment (slatka voda)	0,594 mg/kg
	Oralno	0,111 g/kg	Sediment (morska voda)	0,059 mg/kg
Linalool CAS: 78-70-6 EZ: 201-134-4	STP	10 mg/L	Slatka voda	0,2 mg/L
	Tlo	0,327 mg/kg	Morska voda	0,02 mg/L
	Povremeno	2 mg/L	Sediment (slatka voda)	2,22 mg/kg
	Oralno	0,0078 g/kg	Sediment (morska voda)	0,222 mg/kg
Cineole CAS: 470-82-6 EZ: 207-431-5	STP	10 mg/L	Slatka voda	0,057 mg/L
	Tlo	0,25 mg/kg	Morska voda	0,0057 mg/L
	Povremeno	0,57 mg/L	Sediment (slatka voda)	1,425 mg/kg
	Oralno	0,04 g/kg	Sediment (morska voda)	0,142 mg/kg
4-tert-butylcyclohexyl acetate CAS: 32210-23-4 EZ: 250-954-9	STP	12,2 mg/L	Slatka voda	0,0053 mg/L
	Tlo	0,42 mg/kg	Morska voda	0,00053 mg/L
	Povremeno	0,053 mg/L	Sediment (slatka voda)	2,01 mg/kg
	Oralno	0,0667 g/kg	Sediment (morska voda)	0,21 mg/kg
Reakcijska smjesa allyl (2-methylbutoxy)acetate i allyl (3-methylbutoxy)acetate CAS: Nije relevantno EZ: 916-328-0	STP	0,905 mg/L	Slatka voda	0,0003 mg/L
	Tlo	0,000305 mg/kg	Morska voda	0,00003 mg/L
	Povremeno	0,003 mg/L	Sediment (slatka voda)	0,0024 mg/kg
	Oralno	Nije relevantno	Sediment (morska voda)	0,00024 mg/kg
d-limonene CAS: 5989-27-5 EZ: 227-813-5	STP	1,8 mg/L	Slatka voda	0,014 mg/L
	Tlo	0,763 mg/kg	Morska voda	0,0014 mg/L
	Povremeno	Nije relevantno	Sediment (slatka voda)	3,85 mg/kg
	Oralno	0,133 g/kg	Sediment (morska voda)	0,385 mg/kg
Coumarin CAS: 91-64-5 EZ: 202-086-7	STP	6,4 mg/L	Slatka voda	0,019 mg/L
	Tlo	0,018 mg/kg	Morska voda	0,0019 mg/L
	Povremeno	0,0142 mg/L	Sediment (slatka voda)	0,15 mg/kg
	Oralno	0,0307 g/kg	Sediment (morska voda)	0,015 mg/kg
Citral CAS: 5392-40-5 EZ: 226-394-6	STP	1,6 mg/L	Slatka voda	0,007 mg/L
	Tlo	0,021 mg/kg	Morska voda	0,001 mg/L
	Povremeno	0,068 mg/L	Sediment (slatka voda)	0,125 mg/kg
	Oralno	Nije relevantno	Sediment (morska voda)	0,013 mg/kg

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

Identifikacija				
Butanone CAS: 78-93-3 EZ: 201-159-0	STP	709 mg/L	Slatka voda	55,8 mg/L
	Tlo	22,5 mg/kg	Morska voda	55,8 mg/L
	Povremeno	55,8 mg/L	Sediment (slatka voda)	284,74 mg/kg
	Oralno	1 g/kg	Sediment (morska voda)	284,7 mg/kg
[1α(E),2β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	STP	2,41 mg/L	Slatka voda	0,007 mg/L
	Tlo	0,177 mg/kg	Morska voda	0,0007 mg/L
	Povremeno	0,0035 mg/L	Sediment (slatka voda)	0,906 mg/kg
	Oralno	0,000074 g/kg	Sediment (morska voda)	0,0906 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 izloženošću:



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



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	Nerma CEN	Napomene
 Obvezna zaštita ruku	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

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	Nerma 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	Nerma 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.

Amarella LAUNDRY PERFUME TROPICALA

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

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:

Svijetložuta

Miris:

Ugodan

Prag mirisa:

Nije relevantno *

Hlapljivost:

Vrelište pri atmosferskom tlaku:

Nije relevantno *

Tlak para pri 20 °C:

2370 Pa

Tlak para pri 50 °C:

12373,23 Pa (12,37 kPa)

Brzina isparavanja pri 20 °C:

Nije relevantno *

Opis proizvoda:

Gustoća pri 20 °C:

1004,7 kg/m³

Relativna gustoća pri 20 °C:

1,005

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:

Nije zapaljivo (>60 °C)

Zapaljivost (krutina, plin):

Nije relevantno *

Temperatura samozapaljenja:

Nije relevantno *

Donja granica zapaljivosti:

Nije relevantno *

Gornja granica zapaljivosti:

Nije relevantno *

Svojstva čestica:

Medijan ekvivalentnog promjera:

Nije relevantno *

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

Amarella LAUNDRY PERFUME TROPICALA

ODJELJAK 9: FIZIKALNA I KEMIJSKA SVOJSTVA (nastavak)

9.2 Ostale informacije:

Informacije o razredima fizikalne opasnosti:

Eksplozivna svojstva:	Nije relevantno *
Oksidacijska svojstva:	Nije relevantno *
Nagrizna 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:

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

Sadrži glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health

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):

Amarella LAUNDRY PERFUME TROPICALA

ODJELJAK 11: TOKSIKOLOŠKE INFORMACIJE (nastavak)

- 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: Coumarin (3); 2,6-di-tert-butyl-p-cresol (3); d-limonene (3); 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: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

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

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.

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

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

- Koža: Based on available data, the classification criteria are not met. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.

H- Opasnost od udisanja:

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.

Ostale informacije:

Nije relevantno

Posebne toksikološke informacije o tvarima:

Identifikacija	Akutna toksičnost		Vrsta
	LD50 oralno	LD50 dermalno	
2,6-dimetiloct-7-en-2-ol CAS: 18479-58-8 EZ: 242-362-4	LD50 oralno	3600 mg/kg	
	LD50 dermalno		
	LC50 udisanje		
Linalool CAS: 78-70-6 EZ: 201-134-4	LD50 oralno	3500 mg/kg	Stakor
	LD50 dermalno	5610 mg/kg	Kunić
	LC50 udisanje		
etanol CAS: 64-17-5 EZ: 200-578-6	LD50 oralno	6200 mg/kg	Stakor
	LD50 dermalno	20000 mg/kg	Kunić
	LC50 udisanje (pare)	124,7 mg/L	Stakor
Dipropilenglikol metil eter CAS: 34590-94-8 EZ: 252-104-2	LD50 oralno	>5000 mg/kg	Stakor
	LD50 dermalno	9510 mg/kg	Kunić
	LC50 udisanje		
Cineole CAS: 470-82-6 EZ: 207-431-5	LD50 oralno	2480 mg/kg	Stakor
	LD50 dermalno		
	LC50 udisanje		

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Amarella LAUNDRY PERFUME TROPICALA

ODJELJAK 11: TOKSIKOLOŠKE INFORMACIJE (nastavak)

Identifikacija	Akutna toksičnost		Vrsta
4-tert-butylcyclohexyl acetate CAS: 32210-23-4 EZ: 250-954-9	LD50 oralno	3370 mg/kg	
	LD50 dermalno		
	LC50 udisanje		
Reakcijska smjesa allyl (2-methylbutoxy)acetate i allyl (3-methylbutoxy)acetate CAS: Nije relevantno EZ: 916-328-0	LD50 oralno	1150 mg/kg	Stakor
	LD50 dermalno	1500 mg/kg	Stakor
	LC50 udisanje		
d-limonene CAS: 5989-27-5 EZ: 227-813-5	LD50 oralno	4400 mg/kg	Stakor
	LD50 dermalno	>5000 mg/kg	Kunić
	LC50 udisanje		
Coumarin CAS: 91-64-5 EZ: 202-086-7	LD50 oralno	500 mg/kg	Stakor
	LD50 dermalno	>5000 mg/kg	
	LC50 udisanje		
Citral CAS: 5392-40-5 EZ: 226-394-6	LD50 oralno	4950 mg/kg	Stakor
	LD50 dermalno	2250 mg/kg	Kunić
	LC50 udisanje		
Butanone CAS: 78-93-3 EZ: 201-159-0	LD50 oralno	4000 mg/kg	Stakor
	LD50 dermalno	6400 mg/kg	Kunić
	LC50 udisanje (pare)	23,5 mg/L (4 h)	Stakor
[1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	LD50 oralno	1400 mg/kg	Stakor
	LD50 dermalno		
	LC50 udisanje		
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	LD50 oralno	450 mg/kg	
	LD50 dermalno		
	LC50 udisanje (pare)	0,5 mg/L	
	LC50 udisanje dust	0,05 mg/L	
	LC50 udisanje mist	0,05 mg/L	

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
	LC50	EC50		
Dipropilenglikol metil eter CAS: 34590-94-8 EZ: 252-104-2	LC50	10000 mg/L (96 h)	Pimephales promelas	Ribe
	EC50	1919 mg/L (48 h)	Daphnia magna	Rakovi
	EC50	Nije relevantno		
etanol CAS: 64-17-5 EZ: 200-578-6	LC50	11000 mg/L (96 h)	Alburnus alburnus	Ribe
	EC50	9268 mg/L (48 h)	Daphnia magna	Rakovi
	EC50	1450 mg/L (192 h)	Microcystis aeruginosa	Alge
Reakcijska smjesa allyl (2-methylbutoxy)acetate i allyl (3-methylbutoxy)acetate CAS: Nije relevantno EZ: 916-328-0	LC50	0,3 mg/L (96 h)	N/A	Ribe
	EC50	2,21 mg/L (48 h)	Daphnia magna	Rakovi
	EC50	Nije relevantno		

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Amarella LAUNDRY PERFUME TROPICALA

ODJELJAK 12: EKOLOŠKE INFORMACIJE (nastavak)

Identifikacija	Koncentracija		Vrsta	Vrsta
d-limonene CAS: 5989-27-5 EZ: 227-813-5	LC50	0,702 mg/L (96 h)	Pimephales promelas	Ribe
	EC50	0,577 mg/L (48 h)	Daphnia magna	Rakovi
	EC50	Nije relevantno		
Coumarin CAS: 91-64-5 EZ: 202-086-7	LC50	Nije relevantno		
	EC50	30 mg/L (48 h)	Daphnia magna	Rakovi
	EC50	Nije relevantno		
Citral CAS: 5392-40-5 EZ: 226-394-6	LC50	6,1 mg/L (24 h)	Oryzias latipes	Ribe
	EC50	11 mg/L (24 h)	Daphnia magna	Rakovi
	EC50	16 mg/L (72 h)	Scenedesmus subspicatus	Alge
Butanone CAS: 78-93-3 EZ: 201-159-0	LC50	3220 mg/L (96 h)	Pimephales promelas	Ribe
	EC50	5091 mg/L (48 h)	Daphnia magna	Rakovi
	EC50	4300 mg/L (168 h)	Scenedesmus quadricauda	Alge
[1α(E),2β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	LC50	0,97 mg/L (96 h)	Oryzias latipes	Ribe
	EC50	Nije relevantno		
	EC50	2,5 mg/L (72 h)	Pseudokirchneriella subcapitata	Alge
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	LC50	2,2 mg/L (96 h)	Oncorhynchus mykiss	Ribe
	EC50	3 mg/L (48 h)	Daphnia magna	Rakovi
	EC50	0,067 mg/L (72 h)	Pseudokirchneriella subcapitata	Alge

Kronična toksičnost:

Identifikacija	Koncentracija		Vrsta	Vrsta
Dipropilenglikol metil eter CAS: 34590-94-8 EZ: 252-104-2	NOEC	Nije relevantno		
	NOEC	0,5 mg/L	Daphnia magna	Rakovi
etanol CAS: 64-17-5 EZ: 200-578-6	NOEC	250 mg/L	Danio rerio	Ribe
	NOEC	2 mg/L	Ceriodaphnia dubia	Rakovi
2,6-dimetiloct-7-en-2-ol CAS: 18479-58-8 EZ: 242-362-4	NOEC	Nije relevantno		
	NOEC	9,5 mg/L	Daphnia magna	Rakovi
[1α(E),2β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	NOEC	Nije relevantno		
	NOEC	0,35 mg/L	Daphnia magna	Rakovi

12.2 Postojanost i razgradljivost:

Informacije specifične za tvar:

Identifikacija	Razgradljivost		Biološka razgradljivost	
Dipropilenglikol metil eter CAS: 34590-94-8 EZ: 252-104-2	BOD5	Nije relevantno	Koncentracija	Nije relevantno
	COD	0 g O ₂ /g	Razdoblje	28 dana
	BOD5/COD	Nije relevantno	% biološki razgradivo	73 %
etanol CAS: 64-17-5 EZ: 200-578-6	BOD5	Nije relevantno	Koncentracija	100 mg/L
	COD	Nije relevantno	Razdoblje	14 dana
	BOD5/COD	Nije relevantno	% biološki razgradivo	89 %
2,6-dimetiloct-7-en-2-ol CAS: 18479-58-8 EZ: 242-362-4	BOD5	Nije relevantno	Koncentracija	10 mg/L
	COD	Nije relevantno	Razdoblje	28 dana
	BOD5/COD	Nije relevantno	% biološki razgradivo	72 %
Linalool CAS: 78-70-6 EZ: 201-134-4	BOD5	Nije relevantno	Koncentracija	100 mg/L
	COD	Nije relevantno	Razdoblje	28 dana
	BOD5/COD	Nije relevantno	% biološki razgradivo	90 %
Reakcijska smjesa alilil (2-methylbutoxy)acetate i alilil (3-methylbutoxy)acetate CAS: Nije relevantno EZ: 916-328-0	BOD5	Nije relevantno	Koncentracija	Nije relevantno
	COD	Nije relevantno	Razdoblje	28 dana
	BOD5/COD	Nije relevantno	% biološki razgradivo	89,1 %
d-limonene CAS: 5989-27-5 EZ: 227-813-5	BOD5	Nije relevantno	Koncentracija	10 mg/L
	COD	Nije relevantno	Razdoblje	28 dana
	BOD5/COD	Nije relevantno	% biološki razgradivo	71,4 %
Coumarin CAS: 91-64-5 EZ: 202-086-7	BOD5	Nije relevantno	Koncentracija	100 mg/L
	COD	Nije relevantno	Razdoblje	14 dana
	BOD5/COD	Nije relevantno	% biološki razgradivo	100 %

- NASTAVAK NA SLJEDEĆOJ STRANICI -

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ODJELJAK 12: EKOLOŠKE INFORMACIJE (nastavak)

Identifikacija	Razgradljivost		Biološka razgradljivost	
	Parametar	Uvjet	Parametar	Uvjet
Cital CAS: 5392-40-5 EZ: 226-394-6	BOD5	0,56 g O ₂ /g	Koncentracija	100 mg/L
	COD	1,99 g O ₂ /g	Razdoblje	28 dana
	BOD5/COD	0,28	% biološki razgrađivo	92 %
Butanone CAS: 78-93-3 EZ: 201-159-0	BOD5	2,03 g O ₂ /g	Koncentracija	Nije relevantno
	COD	2,31 g O ₂ /g	Razdoblje	20 dana
	BOD5/COD	0,88	% biološki razgrađivo	89 %
[1α(E),2β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	BOD5	Nije relevantno	Koncentracija	100 mg/L
	COD	Nije relevantno	Razdoblje	28 dana
	BOD5/COD	Nije relevantno	% biološki razgrađivo	16 %
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	BOD5	Nije relevantno	Koncentracija	100 mg/L
	COD	Nije relevantno	Razdoblje	28 dana
	BOD5/COD	Nije relevantno	% biološki razgrađivo	0 %

12.3 Bioakumulacijski potencijal:

Informacije specifične za tvar:

Identifikacija	Potencijal bioakumulacije	
	Parametar	Uvjet
Dipropilenglikol metil eter CAS: 34590-94-8 EZ: 252-104-2	BCF	1
	Pow Log	-0.06
	Potencijal	Nizak
etanol CAS: 64-17-5 EZ: 200-578-6	BCF	3
	Pow Log	-0.31
	Potencijal	Nizak
Linalool CAS: 78-70-6 EZ: 201-134-4	BCF	
	Pow Log	2.97
	Potencijal	
Cineole CAS: 470-82-6 EZ: 207-431-5	BCF	
	Pow Log	2.74
	Potencijal	
d-limonene CAS: 5989-27-5 EZ: 227-813-5	BCF	660
	Pow Log	4.83
	Potencijal	Visok
Coumarin CAS: 91-64-5 EZ: 202-086-7	BCF	10
	Pow Log	1.39
	Potencijal	Nizak
Cital CAS: 5392-40-5 EZ: 226-394-6	BCF	10
	Pow Log	3.45
	Potencijal	Nizak
Butanone CAS: 78-93-3 EZ: 201-159-0	BCF	3
	Pow Log	0.29
	Potencijal	Nizak
[1α(E),2β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	BCF	81
	Pow Log	4.2
	Potencijal	Moderate
1,2-benzotiazol-3(2H)-on CAS: 2634-33-5 EZ: 220-120-9	BCF	2
	Pow Log	1.45
	Potencijal	Nizak

12.4 Pokretljivost u tlu:

Identifikacija	Apsorpcija/desorpcija		Hlapljivost	
	Parametar	Uvjet	Parametar	Uvjet
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

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ODJELJAK 12: EKOLOŠKE INFORMACIJE (nastavak)

Identifikacija	Apsorpcija/desorpcija		Hlapljivost	
Cineole CAS: 470-82-6 EZ: 207-431-5	Koc	Nije relevantno	Henry	Nije relevantno
	Zaključak	Nije relevantno	Suho tlo	Nije relevantno
	Površinska napetost	3,24E-2 N/m (25 °C)	Vlažno tlo	Nije relevantno
Reakcijska smjesa allyl (2-methylbutoxy)acetate i allyl (3-methylbutoxy)acetate CAS: Nije relevantno EZ: 916-328-0	Koc	44.11	Henry	Nije relevantno
	Zaključak	Vrlo visok	Suho tlo	Nije relevantno
	Površinska napetost	Nije relevantno	Vlažno tlo	Nije relevantno
d-limonene CAS: 5989-27-5 EZ: 227-813-5	Koc	6324	Henry	Nije relevantno
	Zaključak	Immobilne	Suho tlo	Nije relevantno
	Površinska napetost	2,675E-2 N/m (25 °C)	Vlažno tlo	Nije relevantno
Coumarin CAS: 91-64-5 EZ: 202-086-7	Koc	42	Henry	Nije relevantno
	Zaključak	Vrlo visok	Suho tlo	Nije relevantno
	Površinska napetost	Nije relevantno	Vlažno tlo	Nije relevantno
Butanone CAS: 78-93-3 EZ: 201-159-0	Koc	30	Henry	5,77 Pa·m ³ /mol
	Zaključak	Vrlo visok	Suho tlo	Da
	Površinska napetost	2,396E-2 N/m (25 °C)	Vlažno tlo	Da
[1α(E),2β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one CAS: 71048-82-3 EZ: 275-156-8	Koc	1260	Henry	Nije relevantno
	Zaključak	Nizak	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

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ODJELJAK 15: INFORMACIJE O PROPISIMA (nastavak)

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

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

U skladu s ovom Uredbom proizvod ispunjava sljedeće:

Označavanje sastava:

Sastojak
parfemi

Allergenic fragrances: (-)-pin-2(10)-ene (L-BETA-PINENE), [1 α (E),2 β]-1-(2,6,6-trimethylcyclohex-3-en-1-yl)but-2-en-1-one (TRANS-ROSE KETONE-3), Citral (CITRAL), Citronellol (CITRONELLOL), Coumarin (COUMARIN), Borneol (CAMPHOR), d-limonene (LIMONENE), Eucalyptus oil (EUCALYPTUS GLOBULUS LEAF OIL), Geraniol (GERANIOL), Geranyl acetate (GERANYL ACETATE), Linalool (LINALOOL), Linalyl acetate (LINALYL ACETATE), L-p-mentha-1(6),8-dien-2-one (CARVONE), Terpineol (TERPINEOL), P-mentha-1,4(8)-diene (TERPINOLENE), Spearmint, ext. (MENTHA VIRIDIS LEAF OIL).

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

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

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps i ashtrays,
- tricks i jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

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 2:

H317: May cause an allergic skin reaction.

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:

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ODJELJAK 16: OSTALE INFORMACIJE (nastavak)

Acute Tox. 2: H330 - Smrtonosno ako se udiše.
Acute Tox. 4: H302 - Štetno ako se proguta.
Acute Tox. 4: H302+H312 - Štetno u dodiru s kožom.
Aquatic Acute 1: H400 - Vrlo otrovno za vodeni okoliš.
Aquatic Chronic 1: H410 - Vrlo otrovno za vodeni okoliš, s dugotrajnim učincima.
Aquatic Chronic 3: H412 - Štetno za vodeni okoliš s dugotrajnim učincima.
Asp. Tox. 1: H304 - Može biti smrtonosno ako se proguta i uđe u dišni sustav.
Eye Dam. 1: H318 - Uzrokuje teške ozljede oka.
Eye Irrit. 2: H319 - Uzrokuje jako nadraživanje oka.
Flam. Liq. 2: H225 - Lako zapaljiva tekućina i para.
Flam. Liq. 3: H226 - Zapaljiva tekućina i para.
Skin Irrit. 2: H315 - Nadražuje kožu.
Skin Sens. 1: H317 - Može izazvati alergijsku reakciju na koži.
Skin Sens. 1A: H317 - Može izazvati alergijsku reakciju na koži.
Skin Sens. 1B: H317 - Može izazvati alergijsku reakciju na koži.
STOT RE 2: H373 - Može uzrokovati oštećenje organa tijekom produljene ili ponavljane izloženosti.

Postupak razvrstavanja:

Skin Sens. 1B: Calculation method

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:

<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.