ALESSI SPA Revision nr 1 ΔLESS Dated 26/07/2025 First compilation Printed on 26/07/2025 DIFFUSORE ROCC AMETHYST Page n. 1/22

Safety Data Sheet According to Annex II to REACH - Regulation (EU) 2020/878

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

1.1. Product identifier

Product name **DIFFUSORE ROCC AMETHYST** 7A8W-0TG0-V50S-C0X8

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

Intended use scented blend for home diffuser

1.3. Details of the supplier of the safety data sheet

Name ALESSI SPA Full address Via privata Alessi 6

District and Country 28887 Crusinallo di Omegna (VB)

Italia

Tel. +39 0323 868611

e-mail address of the competent person

responsible for the Safety Data Sheet help@alessi.com

1.4. Emergency telephone number

For urgent inquiries refer to For England, Scotland and Wales: NHS 111/NHS 24 by dialling 111

For Northern Ireland contact your local General Practitioners (GP)

For Republic of Ireland call: 01 809 2166

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Highly flammable liquid and vapour. Flammable liquid, category 2 H225 Eye irritation, category 2 H319 Causes serious eye irritation. Skin sensitization, category 1 H317 May cause an allergic skin reaction.

Hazardous to the aquatic environment, chronic toxicity, H412 Harmful to aquatic life with long lasting effects.

category 3

2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:

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Signal words: Danger

Hazard statements:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P302+P352 IF ON SKIN: Wash with plenty of water

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing.

P501 Dispose of the product / container in accordance with current regulations

Contains: 2-HEXYL-(E)-CINNAMALDEHYDE (HEXYL CINNAMAL)

METHYL 2,4-DIHYDROXY-3,6-DIMETHYLBENZOATE (ATRALONE)

BENZENEPROPANAL, 4-ETHYL-A,A-DIMETHYL- AND 3-(2-ETHYLPHENYL)-2,2-DIMETHYLPROPANAL

(FLORALOZONE)

3,7-DIMETHYLOCT-6-EN-1-OL (CITRONELLOL)

3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE (ALPHA-CETONE)

COUMARIN PIPERONAL

3-(P-METHOXYPHENYL)-2-METHYLPROPIONALDEHYDE (CANTHOXAL)

(R)-P-MENTA-1,8-DIENE (D-LIMONENE)

1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (OCTAHYDRO TETRAMETHYL

ACETONAPHTONE)
TETRAHYDROLINALOOL

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

SECTION 3. Composition/information on ingredients

3.1. Substances

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Information not relevant

3.2 Mixtures

Contains:

Identification Classification (EC) 1272/2008 (CLP) x = Conc. % **ETHANOL** INDEX 603-002-00-5 78 ≤ x < 82 Flam. Liq. 2 H225, Eye Irrit. 2 H319 EC 200-578-6 CAS 64-17-5 REACH Reg. 01-2119457610-43-XXXX 2-HEXYL-(E)-CINNAMALDEHYDE (HEXYL CINNAMAL) Skin Sens. 1B H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 2 H411 INDEX - $2 \le x < 2,5$ EC 639-566-4 CAS 165184-98-5 REACH Reg. 01-2119533092-50-XXXX 3-METHOXY-3-METHYLBUTAN-1-OL $1,5 \le x < 2$ Eye Irrit. 2 H319 INDEX -EC 260-252-4 CAS 56539-66-3 REACH Reg. 01-2119976333-33-XXXX 2,6-DIMETHYLOCT-7-EN-2-OL (DIHYDROMYRCENOL)

INDEX -

CAS 18479-58-8

 $1 \le x < 1,5$

EC 242-362-4

REACH Reg. 01-2119457274-37-XXXX

(Z)-3-HEXENYL SALICYLATE

INDEX - $0.9 \le x < 1$

EC 265-745-8 CAS 65405-77-8

REACH Reg. 01-2119987320-37-

XXXX

TETRAHYDROLINALOOL

INDEX - $0.809 \le x <$

0,909

 $0.7 \le x < 0.8$

Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317

Repr. 2 H361, Aquatic Acute 1 H400 M=1

Eye Irrit. 2 H319, Skin Irrit. 2 H315, STOT SE 3 H336

EC 201-133-9 CAS 78-69-3

REACH Reg. 01-2119454788-21-

XXXX

1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (OCTAHYDRO TETRAMETHYL ACETONAPHTONE)

INDEX -

Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 2 H411

EC 259-174-3

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CAS 54464-57-2

REACH Reg. 01-2119489989-04-

XXXX

(R)-P-MENTA-1,8-DIENE (D-

LIMONENE)

INDEX 601-096-00-2 $0.5 \le x < 0.6$ Flam. Liq. 3 H226, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Skin Sens. 1B H317,

Aquatic Acute 1 H400 M=1, Aquatic Chronic 3 H412

EC 227-813-5 CAS 5989-27-5

REACH Reg. 01-2119529223-47-

XXXX

3-(P-METHOXYPHENYL)-2-

METHYLPROPIONALDEHYDE

(CANTHOXAL)

INDEX - $0,4045 \le x <$ Skin Sens. 1B H317

0,4545

EC 226-749-5 CAS 5462-06-6

REACH Reg. 01-2120629103-67-

XXXX

PIPERONAL

INDEX - $0,4045 \le x <$

0,4545

Repr. 2 H361fd, Skin Sens. 1 H317

Skin Sens. 1B H317, Aquatic Chronic 2 H411

EC 204-409-7 CAS 120-57-0

REACH Reg. 01-2119983608-21-

XXXX

COUMARIN

INDEX - $0.3 \le x < 0.35$ Acute Tox. 4 H302, Skin Sens. 1 H317, Aquatic Chronic 3 H412

EC 202-086-7 ATE Oral: 500 mg/kg

CAS 91-64-5

REACH Reg. 01-2119949300-45-

XXXX

A MIXTURE OF: CIS-

TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL; TRANS-

TETRAHYDRO-2-ISOBUTYL-4-**METHYLPYRAN-4-OL (FLOROL)**

INDEX 603-101-00-3 $0.3 \le x < 0.35$ Eye Irrit. 2 H319

EC 405-040-6 CAS 63500-71-0

REACH Reg. 01-2119455547-30-

XXXX 3-METHYL-4-(2,6,6-TRIMETHYL-2-

CYCLOHEXEN-1-YL)-3-BUTEN-2-

ONE (ALPHA-CETONE)

INDEX -

 $0.3 \le x < 0.35$

EC 204-846-3 CAS 127-51-5

REACH Reg. 01-2120138569-45-

XXXX

3,7-DIMETHYLOCT-6-EN-1-OL

(CITRONELLOL)

 $0.3 \le x < 0.35$ Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1 H317 INDEX -

EC 203-375-0 CAS 106-22-9

REACH Reg. 01-2119453995-23-

XXXX

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BENZENEPROPANAL, 4-ETHYL-A,A-DIMETHYL- AND 3-(2-ETHYLPHENYL)-2,2-DIMETHYLPROPANAL (FLORALOZONE)

INDEX - 0,2 ≤ x < 0,25 Skin Irrit. 2 H315, Skin Sens. 1B H317, Aquatic Acute 1 H400 M=1, Aquatic

Chronic 2 H411

EC 916-329-6 CAS 67634-15-5

REACH Reg. 01-2120758796-34-

XXXX

3-ETHOXY-4-

HYDROXYBENZALDEHYDE

INDEX - $0.15 \le x < 0.2$ Eye Irrit. 2 H319

EC 204-464-7 CAS 121-32-4

REACH Reg. 01-2119958961-24-

XXXX

METHYL 2,4-DIHYDROXY-3,6-

DIMETHYLBENZOATE

(ATRALONE)

NDEX - 0,15 ≤ x < 0,2 Skin Sens. 1 H317

EC 225-193-0 CAS 4707-47-5

REACH Reg. 01-2120762759-36-

XXXX

[3R-(3A,3AB,7B,8AA)]-2,3,4,7,8,8A-

HEXAHYDRO-3,6,8,8-TETRAMETHYL-1 H-3A,7-METHANOAZULENE (ALPHA

CEDRENE)

INDEX - 0,15 Asp. Tox. 1 H304, Eye Irrit. 2 H319, Skin Irrit. 2 H315, Aquatic Acute 1 H400

M=10, Aquatic Chronic 1 H410 M=10

EC 207-418-4 CAS 469-61-4 REACH Reg. -

LINALOOL

INDEX 603-235-00-2 $0.05 \le x < 0.1$ Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1B H317

EC 201-134-4 CAS 78-70-6

REACH Reg. 01-2119474016-42-

XXXX

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

In case of doubt or in the presence of symptoms contact a doctor and show him this document.

In case of more severe symptoms, ask for immediate medical aid.

EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Take off immediately all contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice/attention. Avoid further contact with contaminated clothing.

INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention.

INHALATION: Remove victim to fresh air, away from the accident scene. Get medical advice/attention.



Rescuer protection

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.

4.2. Most important symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.

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

If symptoms occur, whether acute or delayed, consult a doctor.

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

Send away individuals who are not suitably equipped. Use explosion-proof equipment. Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site.

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6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Store in a cool and well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory references:

GRR

United Kingdom EH40/2005 Workplace exposure limits (Fourth Edition 2020)

ACGIH ACGIH 2025

CITRAL Threshold Li	imit Value						
Туре	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
ACGIH			5			INHAL	
ACGIH			5			SKIN	

ETHANOL					
Threshold Li	imit Value				
Туре	Country	TWA/8h	STEL/15min	Remarks /	
				Observations	

Normal value in fresh water

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	mg/m	3	ppm n	ng/m3	ppm			
WEL GBI	R 1920		1000					
ACGIH			1	884	1000			
Predicted no-effect concentrat	ion - PNEC							
Normal value in fresh water				0,96	mg	/I		
Normal value in marine water				0,79	mg	/I		
Normal value for fresh water s	ediment			3,6	mg	/kg/d		
Normal value for marine water	sediment			2,9	mg	/kg/d		
Normal value for marine water	r, intermittent release	:		2,75	mg	/I		
Normal value of STP microorg	janisms			580	mg	/I		
Normal value for the food chai	n (secondary poison	ing)		720	mg	/kg		
Normal value for the terrestrial	I compartment			0,63	mg	/kg/d		
Health - Derived no-effect	t level - DNEL / D	MEL						
	Effects on				Effects on workers			
Route of exposure	consumers Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
Oral				systemic 87 mg/kg		systemic		systemic
	0.50			bw/d	1000 / 0			050 / 0
Inhalation	950 mg/m3			114 mg/m3	1900 mg/m3			950 mg/m3
Skin				206 mg/kg bw/d				343 mg/kg bw/d
3-METHOXY-3-METHYLE	BUTAN-1-OL							
Health - Derived no-effect	t level - DNEL / D	MEL						
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
Route of exposure Oral		Acute systemic	Chronic local	systemic 2,5 mg/kg		Acute systemic	Chronic local	Chronic systemic
		Acute systemic	Chronic local	systemic 2,5 mg/kg bw/d			Chronic local	systemic
Oral Inhalation		Acute systemic	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3			Chronic local	systemic 18 mg/m3
Oral		Acute systemic	Chronic local	systemic 2,5 mg/kg bw/d			Chronic local	systemic
Oral Inhalation Skin	Acute local	•	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg			Chronic local	systemic 18 mg/m3 6,25 mg/kg
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN	Acute local -2-OL (DIHYDRO)	•	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg			Chronic local	systemic 18 mg/m3 6,25 mg/kg
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN	Acute local -2-OL (DIHYDRO)	•	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg bw/d	Acute local	systemic	Chronic local	systemic 18 mg/m3 6,25 mg/kg
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water	Acute local -2-OL (DIHYDRO)	•	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg bw/d 0,0278	Acute local	systemic //	Chronic local	systemic 18 mg/m3 6,25 mg/kg
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water Normal value in marine water	Acute local -2-OL (DIHYDRO) tion - PNEC	•	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg bw/d 0,0278	Acute local mg	systemic //	Chronic local	systemic 18 mg/m3 6,25 mg/kg
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water Normal value in marine water Normal value for fresh water s	-2-OL (DIHYDRO) tion - PNEC	•	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg bw/d 0,0278 0,0278 0,594	Acute local mg mg	systemic // // // //kg	Chronic local	systemic 18 mg/m3 6,25 mg/kg
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water Normal value in marine water Normal value for fresh water s Normal value for marine water	-2-OL (DIHYDRO) ion - PNEC ediment	•	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg bw/d 0,0278 0,00278 0,594 0,00594	Market local mg mg mg mg mg	// // // //kg	Chronic local	systemic 18 mg/m3 6,25 mg/kg
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water Normal value in marine water Normal value for fresh water s Normal value for marine water Normal value of STP microorg	-2-OL (DIHYDRO) tion - PNEC sediment sediment rediment	MYRCENOL)	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg bw/d 0,0278 0,0278 0,594	Acute local mg mg	// // // //kg	Chronic local	systemic 18 mg/m3 6,25 mg/kg
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water Normal value in marine water Normal value for fresh water s Normal value for marine water	-2-OL (DIHYDRO) tion - PNEC sediment sediment rediment	MYRCENOL)	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg bw/d 0,0278 0,00278 0,594 0,00594	Market local mg mg mg mg mg	// // // //kg	Chronic local	systemic 18 mg/m3 6,25 mg/kg
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water Normal value in marine water Normal value for fresh water s Normal value for marine water Normal value of STP microorg	Acute local -2-OL (DIHYDRO) ion - PNEC ediment r sediment janisms ct level - DNEL / D Effects on	MYRCENOL)	Chronic local	systemic 2,5 mg/kg bw/d 4,4 mg/m3 3,1 mg/kg bw/d 0,0278 0,00278 0,594 0,00594 10 Chronic	mg mg mg Effects on	// // /// //kg // Acute	Chronic local	systemic 18 mg/m3 6,25 mg/kg bw/d Chronic
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water Normal value in marine water Normal value for fresh water s Normal value for marine water Normal value of STP microorg Health - Derived no-effect	Acute local -2-OL (DIHYDRO) ion - PNEC dediment r sediment ranisms ct level - DNEL / D Effects on consumers	MYRCENOL) DMEL		9,594 0,00278 0,00278 0,00278 0,00594 10 Chronic systemic 12,5 mg/kg	mg mg mg Effects on workers	// // // //kg // //kg		systemic 18 mg/m3 6,25 mg/kg bw/d
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water Normal value in marine water Normal value for fresh water s Normal value for marine water Normal value of STP microorg Health - Derived no-effect Route of exposure Oral	Acute local -2-OL (DIHYDRO) ion - PNEC dediment r sediment ranisms ct level - DNEL / D Effects on consumers	MYRCENOL) DMEL		9,594 0,00278 0,00278 0,00278 0,00594 10 Chronic systemic 12,5 mg/kg bw/d	mg mg mg Effects on workers	// // /// //kg // Acute		systemic 18 mg/m3 6,25 mg/kg bw/d Chronic systemic
Oral Inhalation Skin 2,6-DIMETHYLOCT-7-EN Predicted no-effect concentrat Normal value in fresh water Normal value in marine water Normal value for fresh water s Normal value for marine water Normal value of STP microorg Health - Derived no-effect Route of exposure	Acute local -2-OL (DIHYDRO) ion - PNEC dediment r sediment ranisms ct level - DNEL / D Effects on consumers	MYRCENOL) DMEL		9,594 0,00278 0,00278 0,00278 0,00594 10 Chronic systemic 12,5 mg/kg	mg mg mg Effects on workers	// // /// //kg // Acute		systemic 18 mg/m3 6,25 mg/kg bw/d Chronic

0,0028

mg/l

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Normal value in marine water	28	mg/l	
Normal value for fresh water sediment	3,73	mg/kg	
Normal value for marine water sediment	0,75	mg/kg	

Health - Derived no-ef	fect level - DNEL / L Effects on consumers	OMEL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0,25 mg/kg bw/d				
Inhalation				0,43 mg/m3		1,75 mg/m3		
Skin				0,86 mg/kg bw/d	0,1011 mg/cm2	1,73 mg/cm2		

METHYL 2,4-DIHYDROXY-3,6-DIMETHYLBENZOATE (AT	RALONE)		
Predicted no-effect concentration - PNEC			
Normal value in fresh water	0,0033	mg/l	
Normal value in marine water	0,00033	mg/l	
Normal value for fresh water sediment	0,089	mg/kg	
Normal value for marine water sediment	0,0089	mg/kg	
Normal value of STP microorganisms	10	mg/l	

PIPERONAL			
Predicted no-effect concentration - PNEC			
Normal value in fresh water	0,025	mg/l	
Normal value in marine water	0,00025	mg/l	
Normal value for fresh water sediment	0,119	mg/kg	
Normal value for marine water sediment	0,012	mg/kg	
Normal value of STP microorganisms	10	mg/l	

Health - Derived no-ef	fect level - DNEL / [OMEL						
	Effects on				Effects on			
	consumers				workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
				systemic		systemic		systemic
Oral				1,25 mg/kg				
				bw/d				
Inhalation				4,3 mg/m3		17,6 mg/m3		17,6 mg/m3
Skin				1,25 mg/kg				2,5 mg/kg
				bw/d				bw/d

A MIXTURE OF: CIS-TETRAHYDRO-2-ISOBUTYL-4-METHY	LPYRAN-4-OL; TRANS-TETRA	HYDRO-2-ISOBUTYL-4-METHY	LPYRAN-4-OL (FLOROL
Predicted no-effect concentration - PNEC			
Normal value in fresh water	0,0027	mg/l	
Normal value in marine water	0,00027	mg/l	
Normal value for fresh water sediment	21	mg/kg	
Normal value for marine water sediment	4,2	mg/kg	
Normal value of STP microorganisms	10	mg/l	
Health - Derived no-effect level - DNEL / DMEL		_	
Effects on	E	fects on	

Health - Delived Ho-ellec	rievei - Diatt / D	'IVI L L						
	Effects on				Effects on			
	consumers				workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
				systemic		systemic		systemic
Oral				1,04 mg/kg				
				bw/d				
Inhalation				3,62 mg/m3				12,2 mg/m3
				· ·				•

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Skin

2,08 mg/kg bw/d 3,47 mg/kg bw/d

LINALOOL								
Health - Derived no-ef	fect level - DNEL / D	OMEL						
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				0,20 mg/kg/d				
Inhalation				0,7 mg/m3				2,8 mg/m3
Skin				1.25 ma/ka/d				2.5 mg/kg/d

3-ETHOXY-4-HYDROXYBENZALDEHYDE			
Predicted no-effect concentration - PNEC			
Normal value in fresh water	0,000118	mg/l	
Normal value in marine water	118	mg/l	
Normal value for fresh water sediment	15	mg/kg	_
Normal value for marine water sediment	1,5	mg/kg	
Normal value of STP microorganisms	10	mg/l	
Normal value for the terrestrial compartment	2923	mg/kg	

Health - Derived no-eff	fect level - DNEL / D Effects on consumers	DMEL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				2,5 mg/kg bw/d				
Inhalation		17,5 mg/m3		8,75 mg/m3		98 mg/m3		49 mg/m3
Skin				2,5 mg/kg bw/d				7 mg/kg bw/d

3,7-DIMETHYLOCT-6-EN-1-OL (CITRONELLOL) Predicted no-effect concentration - PNEC			
Normal value in fresh water	0,0024	mg/l	
Normal value in marine water	0,024	mg/l	
Normal value for fresh water sediment	0,0256	mg/kg	
Normal value for marine water sediment	0,00256	mg/kg	
Normal value of STP microorganisms	580	mg/l	

Haalth Dawlerd	Factional DNFL /D	NAT 1						
Health - Derived no-ef	Effects on consumers	MEL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				13,8 mg/kg/d				47,8 mg/kg/d
Inhalation	10 mg/m3		10 mg/m3	47,8 mg/m3	10 mg/m3		10 mg/m3	161,6 mg/m3
Skin	2,95 mg/cm2			196,4 mg/kg/d	2,96 mg/cm2			327,4 mg/kg/d

Legend:

(C) = CEILING; INHAL = Inhalable Fraction; RESP = Respirable Fraction; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.



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8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

FYF PROTECTION

Wear airtight protective goggles (see standard EN ISO 16321).

RESPIRATORY PROTECTION

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type AX filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties Appearance	Value liquid	Information		
Colour	pinkish yellow			
Odour	composite fragrance			
Melting point / freezing point Initial boiling point	-114,5 °C not available	Remark:Substance: ETHANOL Substance:ETHANOL Initial boiling point: 78,2 °C		
Flammability	flammable liquid			
Lower explosive limit	not applicable	Remark:no chemical groups present in the ethanol molecule which are associated wi explosive properties		
Upper explosive limit	not applicable	Remark:no chemical groups present in the		



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Flash point < 20 °C
Auto-ignition temperature 363 °C
Decomposition temperature not applicable

pH 4,57

Kinematic viscosity 0,96 CSt
Solubility soluble in water
Partition coefficient: n-octanol/water not applicable

Vapour pressure not available

Density and/or relative density 830 Relative vapour density not

Relative vapour density not available
Particle characteristics not applicable

ethanol molecule which are associated with explosive properties Method:UNI EN ISO 2719: 2021 Remark:Substance: ETHANOL

Method:P-MAT-101612 rev0 2025 Remark:Substance: ETHANOL

Method:Reg. (EC) n. 440/2008 - Met. A.3

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

SECTION 10. Stability and reactivity

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

ETHANOL

Risk of explosion on contact with: alkaline metals,alkaline oxides,calcium hypochlorite,sulphur monofluoride,acetic anhydride,acids,concentrated hydrogen peroxide,perchlorates,perchloric acid,perchloronitrile,mercury nitrate,nitric acid,silver,silver nitrate,ammonia,silver oxide,ammonia,strong oxidising agents,nitrogen dioxide.May react dangerously with: bromoacetylene,chlorine acetylene,bromine trifluoride,chromium trioxide,chromyl chloride,fluorine,potassium tert-butoxide,lithium hydride,phosphorus trioxide,black platinum,zirconium (IV) chloride,zirconium (IV) iodide.Forms explosive mixtures with: air.

10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

ETHANOL

Avoid exposure to: sources of heat,naked flames.



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10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

SECTION 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

ATE (Oral) of the mixture:

Not classified (no significant component)

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

ETHANOL

 LD50 (Dermal):
 20000 mg/kg Rabbit

 LD50 (Oral):
 15010 mg/kg Rat- OECD 401

 LC50 (Inhalation vapours):
 0,05 mg/l/4h Rat- OECD 403

3-METHOXY-3-METHYLBUTAN-1-OL
 LD50 (Dermal): > 2000 mg/kg
 LD50 (Oral): 4300 mg/kg Rat

1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (OCTAHYDRO TETRAMETHYL ACETONAPHTONE)

LD50 (Dermal): > 5000 mg/kg LD50 (Oral): > 5000 mg/kg

(R)-P-MENTA-1,8-DIENE (D-LIMONENE)

LD50 (Dermal): > 5000 mg/kg Rabbit LD50 (Oral): 4400 mg/kg Rat

PIPERONAL

LD50 (Dermal): 5000 mg/kg LD50 (Oral): 2700 mg/kg

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COUMARIN

LD50 (Oral): 293 mg/kg Rat

A MIXTURE OF: CIS-TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL; TRANS-TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL (FLOROL)

LD50 (Dermal): 2000 mg/kg Rat/Rabbit LD50 (Oral): > 5000 mg/kg Rat

3,7-DIMETHYLOCT-6-EN-1-OL (CITRONELLOL)

LD50 (Dermal): 2650 mg/kg Rabbit- read across from citronellol LD50 (Oral): 3450 mg/kg Rat - read across from citronellol

3-ETHOXY-4-HYDROXYBENZALDEHYDE

LD50 (Oral): 3160 mg/kg Rat

METHYL 2,4-DIHYDROXY-3,6-DIMETHYLBENZOATE (ATRALONE)

LD50 (Dermal): 5000 mg/kg LD50 (Oral): 5000 mg/kg

LINALOOL

 LD50 (Dermal):
 5610 mg/kg Rabbit - OECD 402

 LD50 (Oral):
 2790 mg/kg Rat - OECD 401

LC50 (Inhalation mists/powders): 5 mg/l/4h Mouse

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD



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Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

This product is dangerous for the environment and the aquatic organisms. In the long term, it has negative effects on the aquatic environment.

12.1. Toxicity

ETHANOL

LC50 - for Fish14200 mg/l/96h (Pimephales promelas)EC50 - for Crustacea12340 mg/l/48h (Daphnia Magna)EC50 - for Algae / Aquatic Plants275 mg/l/72h (Chlorella vulgaris)

Chronic NOEC for Fish 9,6 mg/l 9 days

Chronic NOEC for Crustacea > 10 mg/l Daphnia Magna - 21 days

Chronic NOEC for Algae / Aquatic Plants 3,24 mg/l (Skeletonema costatum) - 5 days

3-METHOXY-3-METHYLBUTAN-1-OL

LC50 - for Fish 10000 mg/l/96h Oryzias Latipes

EC50 - for Crustacea 1000 mg/l/48h EC50 - for Algae / Aquatic Plants 1000 mg/l/72h

2,6-DIMETHYLOCT-7-EN-2-OL (DIHYDROMYRCENOL)

 LC50 - for Fish
 27,8 mg/l/96h

 EC50 - for Crustacea
 38 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 80 mg/l/72h

1-(1,2,3,4,5,6,7,8-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE (OCTAHYDRO TETRAMETHYL ACETONAPHTONE)

LC50 - for Fish 1,3 mg/l/96h Lepomis macrochirus (OECD 203)
EC50 - for Crustacea 1,38 mg/l/48h Daphnia magna (OECD 202)

EC50 - for Algae / Aquatic Plants 2,6 mg/l/72h Desmodesmus subspicatus (OECD 201)

Chronic NOEC for Fish 1,3 mg/l

(R)-P-MENTA-1,8-DIENE (D-LIMONENE)

LC50 - for Fish 35 mg/l/96h Oncorhynchus mykiss EC50 - for Crustacea 69,6 mg/l/48h Daphnia pulex

PIPERONAL

 LC50 - for Fish
 2,5 mg/l/96h

 EC50 - for Crustacea
 52 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 31 mg/l/72h

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COUMARIN

 LC50 - for Fish
 2,94 mg/l/96h

 EC50 - for Crustacea
 8,012 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 1,452 mg/l/72h

 Chronic NOEC for Fish
 0,191 mg/l

 Chronic NOEC for Crustacea
 0,5 mg/l

A MIXTURE OF: CIS-TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL; TRANS-TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL (FLOROL)

EC50 - for Crustacea > 0,9 mg/l/48h Daphnia magna

Chronic NOEC for Fish 0,068 mg/l
Chronic NOEC for Crustacea 11 mg/l

3,7-DIMETHYLOCT-6-EN-1-OL (CITRONELLOL)

LC50 - for Fish 14,66 mg/l/96h Leuciscus idus - read across from citronellol EC50 - for Crustacea 17,48 mg/l/48h Daphnia magna - read across from citronellol

BENZENEPROPANAL, 4-ETHYL-A,A-DIMETHYL- AND 3-(2-ETHYLPHENYL)-2,2-DIMETHYLPROPANAL (FLORALOZONE)

LC50 - for Fish > 0,7 mg/l/96h Oncorhynchus mykiss

Chronic NOEC for Algae / Aquatic Plants 0,3 mg/l Long-term Daphnia

3-ETHOXY-4-HYDROXYBENZALDEHYDE

LC50 - for Fish 87,6 mg/l/96h
EC50 - for Crustacea 26,2 mg/l/48h

METHYL 2,4-DIHYDROXY-3,6-DIMETHYLBENZOATE (ATRALONE)

LC50 - for Fish 5,2 mg/l/96h EC50 - for Crustacea 9,3 mg/l/48h

[3R-(3A,3AB,7B,8AA)]-2,3,4,7,8,8A-HEXAHYDRO-3,6,8,8-TETRAMETHYL-1 H-3A,7-METHANOAZULENE (ALPHA CEDRENE)

EC50 - for Crustacea 0,05 mg/l/48h
Chronic NOEC for Crustacea 0,05 mg/l

LINALOOL

LC50 - for Fish 27,8 mg/l/96h Onchorhynchus mykiss - OECD 203
EC50 - for Crustacea 59 mg/l/48h Daphnia Magna - OECD TG 202

EC50 - for Algae / Aquatic Plants 156,7 mg/l/72h Desmodesmus subspicatus - DIN 38412

12.2. Persistence and degradability

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Solubility in water 1000 - 10000 mg/l

Rapidly degradable

(R)-P-MENTA-1,8-DIENE (D-LIMONENE)

Solubility in water 0,1 - 100 mg/l

Rapidly degradable

COUMARIN

Solubility in water 1900 mg/l

Rapidly degradable

BENZENEPROPANAL, 4-ETHYL-A,A-DIMETHYL- AND 3-(2-ETHYLPHENYL)-2,2-DIMETHYLPROPANAL (FLORALOZONE) NOT rapidly degradable

12.3. Bioaccumulative potential

ETHANOL

Partition coefficient: n-octanol/water -0,35 20°C

(R)-P-MENTA-1,8-DIENE (D-LIMONENE)

Partition coefficient: n-octanol/water 4,38 BCF 1022

COUMARIN

Partition coefficient: n-octanol/water 1,39

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

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Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

The management of waste arising from the use or dispersal of this product must be organised in accordance with occupational safety regulations. See section 8 for possible need for PPE.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information

14.1. UN number or ID number

ADR / RID, IMDG, IATA: UN 1266

14.2. UN proper shipping name

ADR / RID: PERFUMERY PRODUCTS
IMDG: PERFUMERY PRODUCTS
IATA: PERFUMERY PRODUCTS

14.3. Transport hazard class(es)

ADR / RID: Class: 3 Label: 3

IMDG: Class: 3 Label: 3

IATA: Class: 3 Label: 3



14.4. Packing group

ADR / RID, IMDG, IATA:

14.5. Environmental hazards

ADR / RID: NO

IMDG: not marine pollutant

IATA: NO

14.6. Special precautions for user

ADR / RID: HIN - Kemler: 33 Limited Tunnel Quantities: 5 restriction

Special provision: 163, 640D

IMDG: EMS: F-E, S-D Limited

Quantities: 5

IATA: Cargo: Maximum Packaging quantity: 60 L instructions:

364

code: (D/E)

Passengers: Maximum Packaging quantity: 5 L instructions:

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Special provision: A3, A72

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: P5c

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product

Point 3 - 40

Contained substance

Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

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A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 2 Flammable liquid, category 2
Flam. Liq. 3 Flammable liquid, category 3
Repr. 2 Reproductive toxicity, category 2

Acute Tox. 4 Acute toxicity, category 4

Asp. Tox. 1 Aspiration hazard, category 1

Eye Irrit. 2 Eye irritation, category 2

Skin Irrit. 2 Skin irritation, category 2

Skin Sens. 1 Skin sensitization, category 1

Skin Sens. 1B Skin sensitization, category 1B

STOT SE 3 Specific target organ toxicity - single exposure, category 3

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1

Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1

Aquatic Chronic 2 Hazardous to the aquatic environment, chronic toxicity, category 2

Aquatic Chronic 3 Hazardous to the aquatic environment, chronic toxicity, category 3

H225 Highly flammable liquid and vapour.H226 Flammable liquid and vapour.

H361 Suspected of damaging fertility or the unborn child.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.H336 May cause drowsiness or dizziness.

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.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level

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- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

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- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

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