



Printing date 19.07.2023

Version number 1

Report No.: ELE2307C10991

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

· 1.1 Product identifier

· Trade name: ELFBAR ELFA PRO Watermelon 10 mg/ml

· Trade Mark: ELFBAR

· Flavour: Watermelon · Nicotine Conc.: 10 mg/ml · UFI: Y39X-XD4W-XH1E-QCPJ

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

· Application of the substance / the mixture E-liquid used in E-cigarette

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Imiracle (ShenZhen) Technology Co., Ltd

Room 1606, Office Building T5, Qianhai China Resources Financial Center, No. 5035 Menghai Avenue,

Nanshan Subdistrict, Qianhai Shenzhen-Hongkong Cooperation Zone, Shenzhen, China

Contact: Nash

Tel:+86 (0)755-29875010

Email: nash.cui@heavengifts.com

· Further information obtainable from: Imiracle (ShenZhen) Technology Co., Ltd

· 1.4 Emergency telephone number:

Contact: Nash

Tel:+86 (0)755-29875010

**GERMANY** 

Poison Center Berlin - Institute of Toxicology

Tel: +49 030 192 40

#### **SECTION 2: Hazards identification**

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

Acute Tox. 4 H332 Harmful if inhaled.

Skin Sens. 1 H317 May cause an allergic skin reaction.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labeled according to the CLP regulation.

· Hazard pictograms



- · Signal word Warning
- · Hazard-determining components of labelling:

Nicotine benzoate

2-Isopropyl-N,2,3-trimethylbutyramide

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4-Hydroxy-2,5-dimethyl-3(2H)-furanone

(R)-p-mentha-1,8-diene

Hazard statements

H302+H332 Harmful if swallowed or if inhaled. H317 May cause an allergic skin reaction.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

*P103* Read carefully and follow all instructions.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- · 2.3 Other hazards
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

# SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · **Description:** Mixture of substances listed below with nonhazardous additions.

CAS: 57-55-6 EINECS: 200-338-0	Propylene glycol substance with a Community workplace exposure limit	48.51%
CAS: 56-81-5 EINECS: 200-289-5	glycerol substance with a Community workplace exposure limit	41.0%
CAS: 51115-67-4 EINECS: 256-974-4	2-Isopropyl-N,2,3-trimethylbutyramide  • Acute Tox. 4, H302	2.0%
CAS: 105-54-4 EINECS: 203-306-4	ethyl butyrate Flam. Liq. 3, H226; Eye Irrit. 2, H319	1.99%
CAS: 88660-53-1 EC number: 828-490-9	Nicotine benzoate  Acute Tox. 2, H300; Acute Tox. 2, H310; Acute Tox. 2, H330; Aquatic Chronic 3, H412  ATE: LD50 oral: 5 mg/kg  LD50 dermal: 50 mg/kg  LC50/4 h inhalative: 0.05 mg/l	1.55%
CAS: 123-86-4 EINECS: 204-658-1	n-butyl acetate • Flam. Liq. 3, H226; • STOT SE 3, H336, EUH066	1.0%
CAS: 3658-77-3 EINECS: 222-908-8	4-Hydroxy-2,5-dimethyl-3(2H)-furanone  • Eye Irrit. 2, H319; Skin Sens. 1A, H317	
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-mentha-1,8-diene  ♦ Flam. Liq. 3, H226; ♦ Asp. Tox. 1, H304; ♦ Aquatic Acute 1, H400;  † Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412	0.12%

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· Non-hazardous com	ponents					
CAS: 7452-79-1 EINECS: 231-225-4	ethyl 2-methylbuty Flam. Liq. 3, I					0.85%
CAS: 68527-74-2	Vanillin PGA	KN	KN		KA	0.66%
CAS: 928-96-1 EINECS: 213-192-8	cis-3-Hexenol Flam. Liq. 3, I	H226; 💠 Eye Irrit. 2,	H319			0.37%
CAS: 121-33-5 EINECS: 204-465-2	vanillin	319				0.35%
CAS: 123-92-2 EINECS: 204-662-3	isopentyl acetate  Flam. Liq. 3, F	H226, EUH066				0.29%
CAS: 706-14-9 EINECS: 211-892-8	gamma-Decalacto	one				0.27%
CAS: 4940-11-8 EINECS: 225-582-5	Ethyl maltol  • Acute Tox. 4, 1	H302				0.27%
CAS: 74094-61-4	2-heptyl-4-methyl	-1,3-dioxolane				0.2%
CAS: 100-51-6 EINECS: 202-859-9	Benzyl alcohol  • Acute Tox. 4, 1	H302; Acute Tox. 4, H	332	E I		0.14%
CAS: 110-93-0 EINECS: 203-816-7	6-Methyl-5-hepter Flam. Liq. 3, F					0.12%
CAS: 141-78-6 EINECS: 205-500-4	ethyl acetate Flam. Liq. 2, F	H225; 💠 Eye Irrit. 2,	H319; STOT SE	' 3, H336, EU	JH066	0.11%
		ng of the listed hazard				

# · 4.1 Description of first aid measures

**SECTION 4: First aid measures** 

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: Call for a doctor immediately.
- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available.

#### **SECTION 5: Firefighting measures**

- · 5.1 Extinguishing media
- · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
- · 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- · 5.3 Advice for firefighters

Mouth respiratory protective device.

Wear fully protective suit.

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Protective equipment: Mouth respiratory protective device.

#### SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid contact with eyes.

Avoid contact with skin.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

#### SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- · Information about fire and explosion protection: Keep respiratory protective device available.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· 7.3 Specific end use(s) No further relevant information available.

# SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

57-55-6 Propylene glycol

MAK (Germany) als Dampf und Aerosol;vgl.Abschn.IIb und Xc WEL (Great Britain) Long-term value: 474\* 10\*\* mg/m³, 150\* ppm \*total vapour and particulates \*\*particulates

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56-81-5 glycerol				\
VL (Belgium)	Long-term value: 10 (brouillard)	mg/m³		
AGW (Germany)	Long-term value: 20 2 (I);DFG, Y	$0 E mg/m^3$		
VLEP (France)	Long-term value: 10	$mg/m^3$		
WEL (Great Britain)	Long-term value: 10	$mg/m^3$		
TWA (Greece)	Long-term value: 10	$mg/m^3$		
123-86-4 n-butyl ace	tate			
IOELV (EU)	Short-term value: 72 Long-term value: 24			
MAK (Austria)	Short-term value: 48 Long-term value: 24			
VL (Belgium)	Short-term value: 71 Long-term value: 23			
AGW (Germany)	Long-term value: 30 2(I);AGS, Y	0 mg/m³, 62 ppm		
VLEP (France)	Short-term value: 72 Long-term value: 24			
WEL (Great Britain)	Short-term value: 96 Long-term value: 72			
TWA (Greece)	Short-term value: 72 Long-term value: 24	0 11		
5989-27-5 (R)-p-men	ıtha-1,8-diene			
AGW (Germany)	Long-term value: 28 4(II);DFG, H, Sh, Y	mg/m³, 5 ppm		

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection



Tightly sealed goggles

Goggles recommended during refilling

- · Body protection:
- Other

If this product contains ingredients with exposure limits, personal, workplace, or biological monitoring may be required to determine the effectiveness of ventilation or other control measures and/or the need to use respirators. Reference should be made to European Standard EN 689 for methods of assessing exposure to chemicals through inhalation and to national guides for methods of determining hazardous substances.

#### SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- **General Information**

· Physical state Fluid Light brown Colour: Odour: Watermelon

Odour threshold: Data not available. · Melting point/freezing point: Data not available.

· Boiling point or initial boiling point and boiling

range Data not available. · Flammability Data not available.

· Lower and upper explosion limit

· Lower: Data not available. · Upper: Data not available.

Flash point: >120°C

· Decomposition temperature: Data not available.

· pH at 20°C 5.97

Viscosity:

· Kinematic viscosity Data not available. Dynamic: Data not available.

Solubility

Data not available. water:

Partition coefficient n-octanol/water (log value) Data not available. Vapour pressure: Data not available.

Density and/or relative density

Density at 20°C:  $1.1067 \text{ g/cm}^3$ Relative density Data not available. Vapour density Data not available.

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9.2 Other information

· Appearance:

· Form:

Important information on protection of health and

environment, and on safety.

• Ignition temperature: Product is not selfigniting. Explosive properties: Data not available.

· Change in condition

• Evaporation rate Data not available.

· Information with regard to physical hazard classes

Explosives Data not available.Flammable gases Data not available.

· Aerosols Void

Data not available.

Oxidising gases
Data not available.

Gases under pressure
Data not available.

Flammable liquids
Flammable solids
Self-reactive substances and mixtures
Pyrophoric liquids
Data not available.

Pyrophoric solids
Self-heating substances and mixtures
Data not available.
Data not available.

· Substances and mixtures, which emit flammable

gases in contact with water

Oxidising liquids

Oxidising solids

Organic peroxides

Corrosive to metals

Data not available.

# SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

# SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Harmful if swallowed or if inhaled.

# · LD/LC50 values relevant for classification:

AIL (AC	ile Toxicity	Lsummes)
Oral	LD50	318 mg/kg

Dermal LD50 3,226 mg/kg (ATE)

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Inhalative	LC50/4 h	3.23 mg/l (ATE)			
57-55-6 Pr	opylene gl	lycol			
Oral	LD50	2,000 mg/kg (rat)			4.
Dermal	LD50	20,800 mg/kg (rabbit)			
56-81-5 gly	vcerol	TE I			
Oral	LD50	12,600 mg/kg (rat)			
105-54-4 e	thyl butyrd	ate			
Oral	LD50	13,000 mg/kg (rat)		KN	
88660-53-	1 Nicotine	benzoate		Time.	
Oral	LD50	5 mg/kg (ATE)			
Dermal	LD50	50 mg/kg (ATE)			
Inhalative	LC50/4 h	0.05 mg/l (ATE)			
123-86-4 n	-butyl ace	tate			Ti
Oral	LD50	13,100 mg/kg (rat)			
Dermal	LD50	>5,000 mg/kg (rabbit)			
Inhalative	LC50/4 h	>21 mg/l (rat)			
5989-27-5	(R)-p-men	ntha-1,8-diene	II.	Time !	
Oral	LD50	4,400 mg/kg (rat)			

- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation May cause an allergic skin reaction.
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.
- · 11.2 Information on other hazards
- · Endocrine disrupting properties

None of the ingredients is listed.

#### SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

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- · 12.7 Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

# SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· European waste catalogue

HP6 Acute Toxicity

- · Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

14.1 UN number or ID number ADR, IMDG, IATA	UN3144	
14.2 UN proper shipping name		K
ADR	3144 NICOTINE COMPOUND,	LIQUID, N.O.S.
	(Nicotine benzoate)	
IMDG	NICOTINE COMPOUND, LIQU	JID, N.O.S. (Nicotine
	benzoate)	
IATA	Nicotine compound, liquid, n.o.s	s. (Nicotine benzoate)
14.3 Transport hazard class(es)		
ADR, IMDG, IATA		
71DK, 111DG, 171171		
Class	6 1 Toxic substances	
	6.1 Toxic substances. 6.1	
Label		
Label 14.4 Packing group	6.1	
Label 14.4 Packing group ADR, IMDG, IATA	6.1	
Label 14.4 Packing group ADR, IMDG, IATA	6.1	
Label 14.4 Packing group ADR, IMDG, IATA 14.5 Environmental hazards:	6.1	
Label 14.4 Packing group ADR, IMDG, IATA 14.5 Environmental hazards: 14.6 Special precautions for user	6.1  III  Not applicable.  Warning: Toxic substances.	
Label  14.4 Packing group ADR, IMDG, IATA  14.5 Environmental hazards:  14.6 Special precautions for user Hazard identification number (Kemler code): EMS Number:	6.1  III  Not applicable.  Warning: Toxic substances.	
Class Label  14.4 Packing group ADR, IMDG, IATA  14.5 Environmental hazards:  14.6 Special precautions for user Hazard identification number (Kemler code): EMS Number: Stowage Category Stowage Code	6.1  III  Not applicable.  Warning: Toxic substances. 60	





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14.7 Maritime transpor instruments	t in bulk according to IMO	Not applicable	2.	
· Transport/Additional in	formation:			
· ADR · Limited quantities (LQ) · Excepted quantities (EQ · Transport category · Tunnel restriction code			quantity per inner pack quantity per outer pack	
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ			quantity per inner pack quantity per outer pack	
· UN "Model Regulation	": KA		OTINE COMPOUND, I ENZOATE), 6.1, III	LIQUID, N.O.S.

# **SECTION 15: Regulatory information**

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)
  None of the ingredients is listed.
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- · DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

#### · Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

- · National regulations:
- · Other regulations, limitations and prohibitive regulations
- · Substances of very high concern (SVHC) according to REACH, Article 57 None of the ingredients is listed.

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· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

#### **SECTION 16: Other information**

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

In addition, transport information of Section 14 in the report was calculated theoretically, while the results are not always consistent with Certification for Safe Transport of Chemical Goods from the officially authorized agencies. Please consult the officially authorized agencies for the accurate transport information.

#### · Relevant phrases

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H300 Fatal if swallowed.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H310 Fatal in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

EUH066 Repeated exposure may cause skin dryness or cracking.

#### · Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Acute toxicity - oral	The classification of the mixture is generally based on the calculation method
Acute toxicity - inhalation	using substance data according to Regulation (EC) No 1272/2008.
Skin sensitisation	

#### · Organization issuing SDS:

Shenzhen Element Testing Co., Ltd.

101 of Plant 4 & 401 of Plant 2, No. 76, Longlingbei Rd, Pingxi, Pingdi St, Longgang Dist, Shenzhen, 518117, China

#### Contact:

Noel Yin

Email: info@element-testing.com

#### · Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 2: Acute toxicity – Category 2
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1 Skin Sens. 1A: Skin sensitisation - Category 1A Skin Sens. 1B: Skin sensitisation - Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

EU