



Printing date 28.08.2023 Version number 1 Report No.: ELE2308C14083

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

· 1.1 Product identifier

· Trade name: ELFBAR ELFA PRO Blueberry 0 mg/ml

· Trade Mark: ELFBAR

· Flavour: Blueberry

· Nicotine Conc.: 0 mg/ml

· UFI: ACOR-RM6T-U60H-WRNN

· 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

 The product is not classified, according to the CLP regulation.
- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the Globally Harmonised System (GHS).

- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Additional information:

Contains beta-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-2-buten-1-one, methyl cinnamate, Linalool. May produce an allergic reaction.

- · 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.

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Trade name: ELFBAR ELFA PRO Blueberry 0 mg/ml

			(Contd. of page
Dangerous compon	nts:		
CAS: 56-81-5 EINECS: 200-289-5	glycerol substance with a Community workplace exp	posure limit	41.22
CAS: 57-55-6	Propylene glycol	ostii e tiiitti	39.54
	substance with a Community workplace exp	oosure limit	39.34
CAS: 51115-67-4	2-Isopropyl-N,2,3-trimethylbutyramide		6.39
EINECS: 256-974-4	♠ Acute Tox. 4, H302		
CAS: 105-54-4	ethyl butyrate		1.59
EINECS: 203-306-4	♦ Flam. Liq. 3, H226; ♦ Eye Irrit. 2, H31	19	
CAS: 123-92-2	isopentyl acetate	Ten.	1.46
EINECS: 204-662-3	♦ Flam. Liq. 3, H226, EUH066		
CAS: 4940-11-8	Ethyl maltol		1.09
EINECS: 225-582-5	♦ Acute Tox. 4, H302	KA	E
CAS: 35044-68-9	beta-1-(2,6,6-Trimethyl-1-cyclohexen-1-yl)-	-2-buten-1-one	0.14
	♦ Skin Sens. 1, H317		
CAS: 103-26-4	methyl cinnamate		0.13
EINECS: 203-093-8	♦ Skin Sens. 1B, H317		
CAS: 78-70-6	Linalool		0.12
EINECS: 201-134-4	♦ Skin Sens. 1B, H317		
Non-hazardous con	ponents		
CAS: 5471-51-2	4-(p-Hydroxyphenyl)-2-butanone		2.57
EINECS: 226-806-4	(p 11) an outsprienty of 2 culture to		
CAS: 121-33-5	vanillin		0.92
EINECS: 204-465-2	♦ Eye Irrit. 2, H319		
CAS: 68527-74-2	Vanillin PGA		0.7.
CAS: 64-19-7	acetic acid	K	0.58
EINECS: 200-580-7	Skin Irrit. 2; I	H314 l; H314: C ≥ 90 % B; H314: 25 % ≤ C < 90 H315: 10 % ≤ C < 25 % H319: 10 % ≤ C < 25 %	6
CAS: 118-71-8	Maltol	II	0.48
EINECS: 204-271-8	♦ Acute Tox. 4, H302		
CAS: 140-11-4	benzyl acetate		0.4.
EINECS: 205-399-7	Aquatic Chronic 3, H412		KN
CAS: 100-51-6	Benzyl alcohol		0.33
EINECS: 202-859-9	♠ Acute Tox. 4, H302; Acute Tox. 4, H332		
CAS: 928-96-1	cis-3-Hexenol		0.3
EINECS: 213-192-8	🚸 Flam. Liq. 3, H226; 奪 Eye Irrit. 2, H31	19	
CAS: 134-20-3	methyl anthranilate		0.2
EINECS: 205-132-4	♠ Eye Irrit. 2, H319		
CAS: 97-64-3	ethyl lactate		0.2
	🚸 Flam. Liq. 3, H226; < Eye Dam. 1, H3	18: (1) STOT SE 3. H33:	5
EINECS: 202-598-0	♥ - :: =:q: =, :=== ;,	10, 0001 000, 11000	
	2-methylbutyric acid	()	0.2



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CAS: 79-77-6	(E)betaIonone	of page 2	
EINECS: 201-224-3		0.1070	
CAS: 3681-71-8	cis-3-Hexen-1-yl acetate	0.18%	
EINECS: 222-960-1	♦ Flam. Liq. 3, H226		
CAS: 108-64-5	ethyl isovalerate	0.17%	
EINECS: 203-602-3	♦ Flam. Liq. 3, H226; ♦ Skin Irrit. 2, H315		
CAS: 141-78-6	ethyl acetate	0.16%	
EINECS: 205-500-4	♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066		
CAS: 39711-79-0	N-Ethyl-2-isopropyl-5-methylcyclohexane carboxamide		
EINECS: 254-599-0	Aquatic Chronic 3, H412		
CAS: 110-19-0	isobutyl acetate	0.12%	
EINECS: 203-745-1	♦ Flam. Liq. 2, H225, EUH066		
CAS: 123-51-3	Isoamyl alcohol	0.12%	
EINECS: 204-633-5	♦ Flam. Liq. 3, H226; ♦ Eye Dam. 1, H318; ♦ Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335		
CAS: 706-14-9	gamma-Decalactone	0.12%	
EINECS: 211-892-8			
CAS: 104-67-6	gamma-Undecalactone	0.1%	
EINECS: 203-225-4	Aquatic Chronic 3, H412		
CAS: 10094-34-5	alpha,alpha-Dimethylphenethyl butyrate	0.1%	
EINECS: 233-221-8	🕩 Skin Irrit. 2, H315; Aquatic Chronic 3, H412		

· Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: No special measures required.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Generally the product does not irritate the skin.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- · 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.

EU





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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)

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

No special measures required.

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: None.
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

56-81-5 glycerol			
VL (Belgium)	Long-term value: 10 mg/m³ (brouillard)		
GVI (Croatia)	Long-term value: 10 mg/m³		
NPK (Czechia)	Short-term value: 15 mg/m³ Long-term value: 10 mg/m³		
AGW (Germany)	Long-term value: 200 E mg/m³ 2 (I);DFG, Y		
VLEP (France)	Long-term value: 10 mg/m³		
WEL (Great Britain)	Long-term value: 10 mg/m³		

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KN	KN	KN	KN	(Contd. of page 4)
TWA (Italy)	Long-term va	lue: (10) mg/m³		
57-55-6 Propylene g	lycol			
GVI (Croatia)		lue: 474* 10** mg/m³, 150* ppm e i Čestice; **Čestice	-	
MAK (Germany)	als Dampf und	d Aerosol;vgl.Abschn.IIb und Xc		
WEL (Great Britain)		lue: 474* 10** mg/m³, 150* ppm and particulates **particulates		
123-92-2 isopentyl a	cetate	EN		
IOELV (EU)		lue: 540 mg/m³, 100 ppm lue: 270 mg/m³, 50 ppm		
VL (Belgium)		lue: 540 mg/m³, 100 ppm lue: 270 mg/m³, 50 ppm		
GVI (Croatia)		lue: 540 mg/m³, 100 ppm lue: 270 mg/m³, 50 ppm		
NPK (Czechia)		lue: 540 mg/m³ lue: 270 mg/m³		
AGW (Germany)	Long-term val 1(1);DFG, EU	lue: 270 mg/m³, 50 ppm J		
VLEP (France)		lue: 540 mg/m³, 100 ppm lue: 270 mg/m³, 50 ppm		
WEL (Great Britain)		lue: 541 mg/m³, 100 ppm lue: 270 mg/m³, 50 ppm		KN
TWA (Italy)		lue: 532 mg/m³, 100 ppm lue: 266 mg/m³, 50 ppm		E
VL (Italy)		lue: 540 mg/m³, 100 ppm lue: 270 mg/m³, 50 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:

The usual precautionary measures are to be adhered to when handling chemicals.

- · Respiratory protection: Not required.
- Hand protection

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

· 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.

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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
Colour:
Odour:
Blueberry

• 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 4.16

· Viscosity:

Kinematic viscosity
 Dynamic:
 Data not available.

· Solubility

• water:
• Partition coefficient n-octanol/water (log value)
• Vapour pressure:

Data not available.

Data not available.

· Density and/or relative density

Density at 20°C:
 Relative density
 Vapour density
 Data not available.
 Data not available.

· 9.2 Other information

· Appearance:

· Form: Liquid

Important information on protection of health and environment, and on safety.

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

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KD KD	K	KN	(Contd. of page 6)
· Change in condition	11		
· Evaporation rate	Data not available.		
Information with regard to physical hazard classe	2S		
Explosives	Data not available.		KN
· Flammable gases	Data not available.		
· Aerosols	Data not available.		
· Oxidising gases	Data not available.		
· Gases under pressure	Data not available.		
· Flammable liquids	Data not available.		
· Flammable solids	Data not available.		
· Self-reactive substances and mixtures	Data not available.		
· Pyrophoric liquids	Data not available.		
· Pyrophoric solids	Data not available.		
· Self-heating substances and mixtures	Data not available.		
· Substances and mixtures, which emit flammable			
gases in contact with water	Data not available.		
· Oxidising liquids	Data not available.		
· Oxidising solids	Data not available.		
· Organic peroxides	Data not available.		
· Corrosive to metals	Data not available.		
· Desensitised explosives	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 Based on available data, the classification criteria are not met.

ATE (A	cute To	oxicity Estimates)			
Oral	LD50	6,766 mg/kg			
56-81- 5	glycer	ol	KN	KN	K
Oral	LD50	12,600 mg/kg (rat)			
57-55-6	Propy	lene glycol			
Oral	LD50	2,000 mg/kg (rat)			
Dermal	LD50	20,800 mg/kg (rabbit)			
105-54-	4 ethyl	butyrate			
Oral	LD50	13,000 mg/kg (rat)			



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	-2 isopentyl acetate			•
Oral	LD50 16,000 mg/kg (rat)			
103-26	-4 methyl cinnamate			
Oral	LD50 2,610 mg/kg (rat)	KN	KN	KN
	6 Linalool			
Oral	LD50 2,790 mg/kg (rat)			
Derma	l LD50 5,610 mg/kg (rabbi	t)		

- · 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 Based on available data, the classification criteria are not met.
- · 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.

- · 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 Smaller quantities can be disposed of with household waste.
- · Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

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14.1 UN number or ID number ADR, IMDG, IATA	not regulated	
14.2 UN proper shipping name ADR, IMDG, IATA	not regulated	
14.3 Transport hazard class(es)		
ADR, ADN, IMDG, IATA Class	not regulated	
14.4 Packing group ADR, IMDG, IATA	not regulated	
14.5 Environmental hazards:	Not applicable.	K
14.6 Special precautions for user	Not applicable.	
14.7 Maritime transport in bulk according	to IMO	
instruments	Not applicable.	
UN "Model Regulation":	not regulated	

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.
- · 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.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
- 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.

· 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

· Date of previous version: 28.08.2023

· 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

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SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Skin Sens. 1: Skin sensitisation – Category 1

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

* Data compared to the previous version altered.

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