

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier: Elfbar Elfa Strawberry Kiwi 20mg (Contains:2-isopropyl-N,2,3-trimethylbutyramide, Ethyl maltol, nicotine benzoate)

Other identifiers: None

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

Product uses: ELECTRONIC CIGARETTES

1.3 Details of the supplier of the safety data sheet

Company name: Elf Bar

Company address: 19H MAXGRAND PLAZA NO.3 TAI YAU STREET, SAN PO KONG KL, HONG KONG

Contact: Steve Cui

E-Mail address: support@elfbar.com

Company phone: +86 13600429390

1.4 Emergency telephone number

Emergency phone: +86 13600429390

Section 2. Hazards identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1272/2008

Class and category of danger: Acute Toxicity - Oral Category 3
Acute Toxicity - Dermal Category 2
Acute Toxicity - Inhalation Category 4
Hazardous to the Aquatic Environment - Long-term Hazard Category 3
H301, Toxic if swallowed.
H310, Fatal in contact with skin.
H332, Harmful if inhaled.
H412, Harmful to aquatic life with long lasting effects.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

Hazard statements: H301, Toxic if swallowed.
H310, Fatal in contact with skin.
H332, Harmful if inhaled.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

H412, Harmful to aquatic life with long lasting effects.

Supplemental Information: None

Precautionary statements:

P261, Avoid breathing vapour or dust.
 P262, Do not get in eyes, on skin or on clothing.
 P264, Wash hands and other contacted skin thoroughly after handling.
 P270, Do not eat, drink or smoke when using this product.
 P271, Use only outdoors or in a well-ventilated area.
 P273, Avoid release to the environment.
 P280, Wear protective gloves/eye protection/face protection.
 P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302/350, IF ON SKIN: Gently wash with plenty of soap and water.
 P304/340, IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P310, Immediately call a POISON CENTER or doctor/physician.
 P330, Rinse mouth.
 P361, Remove/Take off immediately all contaminated clothing.
 P363, Wash contaminated clothing before reuse.
 P405, Store locked up.
 P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:



2.3 Other hazards

Other hazards: None

Section 3. Composition / information on ingredients

3.2 Mixtures

Contains:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

nicotine benzoate	88660-53-1	828-490-9		3.14%	Acute Tox. 2-Acute Tox. 1-Acute Tox. 2-Aquatic Chronic 2; H300-H310-H330-H411,-
2-isopropyl-N,2,3-trimethylbutyramide	51115-67-4	256-974-4		3.00%	Acute Tox. 4;H302,-
Ethyl maltol	4940-11-8	225-582-5		2.00%	Acute Tox. 4;H302,-
Acetic acid	64-19-7	200-580-7		0.24%	Flam. Liq. 3-Acute Tox. 4-Skin Corr. 1A-Eye Dam. 1;H226-H312-H314,-
2-Methylbutyric acid	116-53-0	204-145-2		0.12%	Acute Tox. 4-Acute Tox. 4-Skin Corr. 1B-Eye Dam. 1;H302-H312-H314,-

Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Glycerol	56-81-5	200-289-5		40.00%	-;-,-
Propylene glycol	57-55-6	200-338-0		44.51%	-;-,-
nicotine benzoate	88660-53-1	828-490-9		3.14%	Acute Tox. 2-Acute Tox. 1-Acute Tox. 2-Aquatic Chronic 2; H300-H310-H330-H411,-

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First-aid measures

4.1 Description of first aid measures

- Inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Eye exposure:** Check for and remove any contact lenses. Immediately flush eyes with large amounts of cold water for 15 minutes while holding eyelids open. If irritation persists, obtain medical attention.
- Skin exposure:** IF ON SKIN: Gently wash with plenty of soap and water.
- Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Toxic if swallowed.
Fatal in contact with skin.
Harmful if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

ELECTRONIC CIGARETTES: Use in accordance with good manufacturing and industrial hygiene practices.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits:

Ingredient	CAS	EC	Description	Value
Glycerol	56-81-5	200-289-5	UK WEL Long term mgm3	10
			German WEL Long term mgm3	200
			German WEL Short term mgm3	400
Propylene glycol	57-55-6	200-338-0	UK WEL Long term mgm3	474
			UK WEL Long term ppm	150
nicotine benzoate	88660-53-1	828-490-9	UK WEL Long term mgm3	0,5
			UK WEL Short term mgm3	1,5

8.2 Exposure Controls

Eye / Skin Protection

If splashes are likely to occur face shield and safety glasses or goggles under EN166 as a minimum standard. Handle with gloves. Use nitrile, latex or rubber gloves, which satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 as a minimum. Use proper glove removal technique (without touching the glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good practices. Wash and dry hands.

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Not determined

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined
Flash point:	> 70 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected

9.2 Other information: None available

Section 10. Stability and reactivity

10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

Section 11. Toxicological information

11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity:	Acute Toxicity - Oral Category 3 Acute Toxicity - Dermal Category 2 Acute Toxicity - Inhalation Category 4
Acute Toxicity Oral	157
Acute Toxicity Dermal	159
Acute Toxicity Inhalation	15.9
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.

Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
2-isopropyl-N,2,3-trimethylbutyramide	51115-67-4	256-974-4	500	Not available	Not available	Not available
Ethyl maltol	4940-11-8	225-582-5	1200	Not available	Not available	Not available
nicotine benzoate	88660-53-1	828-490-9	5	5	0,5	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects: Not available

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

Section 13. Disposal considerations

13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (nicotine benzoate, 2-isopropyl-N,2,3-trimethylbutyramide)	6.1	-	II
IMDG	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (nicotine benzoate, 2-isopropyl-N,2,3-trimethylbutyramide)	6.1	-	II
ADR,RID,ADN	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (nicotine benzoate, 2-isopropyl-N,2,3-trimethylbutyramide)	6.1	-	II
ICAO TI	UN2810	TOXIC LIQUID, ORGANIC, N.O.S. (nicotine benzoate, 2-isopropyl-N,2,3-trimethylbutyramide)	6.1	-	II

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

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

Water Hazard Class (WGK): 3

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Concentration % Limits: EH C3=79.62%

Total Fractional Values: EH C3=1.26

Key to revisions:

Not applicable

Key to abbreviations:

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

Abbreviation	Meaning
Acute Tox. 1	Acute Toxicity - Dermal Category 1
Acute Tox. 2	Acute Toxicity - Oral Category 2
Acute Tox. 2	Acute Toxicity - Inhalation Category 2
Acute Tox. 4	Acute Toxicity - Oral Category 4
Acute Tox. 4	Acute Toxicity - Dermal Category 4
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Eye Dam. 1	Eye Damage / Irritation Category 1
Flam. Liq. 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H300	Fatal if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H330	Fatal if inhaled.
H411	Toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapour or dust.
P262	Do not get in eyes, on skin or on clothing.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P284	Wear respiratory protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P301/330/331	If swallowed: Rinse mouth. Do not induce vomiting.
P302/350	IF ON SKIN: Gently wash with plenty of soap and water.
P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.
P330	Rinse mouth.
P361	Remove/Take off immediately all contaminated clothing.
P363	Wash contaminated clothing before reuse.

SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Elfbar Elfa Strawberry Kiwi 20mg

Version: 1

P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233	Store in a well-ventilated place. Keep container tightly closed.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Skin Corr. 1A	Skin Corrosion / Irritation Category 1A
Skin Corr. 1B	Skin Corrosion / Irritation Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.