



**Strapped Sherbet - Cherry (0mg/ml) - UFI: N/A**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier:** Strapped Sherbet - Cherry (0mg/ml) - UFI: N/A

**Other means of identification:**

Non-applicable

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

Relevant uses: Liquid for electronic cigarettes

Uses advised against: All uses not specified in this section or in section 7.3

**1.3 Details of the supplier of the safety data sheet:**

Rule13 Limited  
Unit 1 Fountain Enterprise Park  
ME15 6ZQ Maidstone - Kent - United Kingdom  
Phone.: 01622 851 436  
david.bowers@rule13.co.uk  
<https://www.prohibition.co.uk/>

**1.4 Emergency telephone number:** +44 1622 851436

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture:**

**CLP Regulation (EC) No 1272/2008:**

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

**2.2 Label elements:**

**CLP Regulation (EC) No 1272/2008:**

**Hazard statements:**

Non-applicable

**Precautionary statements:**

Non-applicable

**Supplementary information:**

EUH208: Contains Citral, Limonene. May produce an allergic reaction.

**2.3 Other hazards:**

Product fails to meet PBT/vPvB criteria

Please note that the inclusion of this product in a mist-generating device (vapers, etc.) may raise its classification with respect to acute inhalation toxicity to a higher hazard category and additionally require the application of Article 12 of Regulation (EC) No 1272/2008.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substance:**

Non-applicable

**3.2 Mixture:**

**Chemical description:** Mixture based on chemical products for aroma formulation

**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification                                                                  | Chemical name/Classification        | Concentration |
|---------------------------------------------------------------------------------|-------------------------------------|---------------|
| CAS: 56-81-5<br>EC: 200-289-5<br>Index: Non-applicable<br>REACH: Non-applicable | Glycerin □*□ Not classified         | 50 - <75 %    |
|                                                                                 | Regulation 1272/2008                |               |
| CAS: 57-55-6<br>EC: 200-338-0<br>Index: Non-applicable<br>REACH: Non-applicable | Propylene Glycol □*□ Not classified | 25 - <50 %    |
|                                                                                 | Regulation 1272/2008                |               |

□\*□ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830

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**Strapped Sherbet - Cherry (0mg/ml) - UFI: N/A**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)**

| Identification                                                                          | Chemical name/Classification                                             |                                                                                                                                                                                                           | Concentration |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| CAS: 138-86-3<br>EC: 205-341-0<br>Index: 601-029-00-7<br>REACH: Non-applicable          | <b>Limonene</b> <input type="checkbox"/> <input type="checkbox"/>        | ATP CLP00                                                                                                                                                                                                 | 0.1 - <1 %    |
|                                                                                         | Regulation 1272/2008                                                     | Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning  |               |
| CAS: 123-68-2<br>EC: 204-642-4<br>Index: Non-applicable<br>REACH: 01-2119983573-26-XXXX | <b>Allyl hexanoate</b> <input type="checkbox"/> <input type="checkbox"/> | Self-classified                                                                                                                                                                                           | 0.1 - <1 %    |
|                                                                                         | Regulation 1272/2008                                                     | Acute Tox. 3: H301+H311+H331; Aquatic Acute 1: H400; Aquatic Chronic 3: H412 - Danger                                  |               |

☐ ☐ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2015/830

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**By skin contact:**

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or if necessary shower the affected person thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

**By eye contact:**

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case removal could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS for the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

**4.2 Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Non-applicable

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, manipulation and use, but the product contains flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**Unsuitable extinguishing media:**

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

**5.2 Special hazards arising from the substance or mixture:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Advice for firefighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

**Additional provisions:**

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## SECTION 5: FIREFIGHTING MEASURES (continued)

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

### 6.2 Environmental precautions:

Avoid spillage into the aquatic environment as it contains substances potentially dangerous for this. Contain the product absorbed in hermetically sealed containers. In the case of serious spillage into the aquatic environment notify the relevant authority.

### 6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

### 6.4 Reference to other sections:

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

#### B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Avoid splashes and pulverizations. Consult section 10 for conditions and materials that should be avoided.

#### C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

#### D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

### 7.2 Conditions for safe storage, including any incompatibilities:

#### A.- Technical measures for storage

Minimum Temp.: 5 °C  
Maximum Temp.: 30 °C  
Maximum time: 24 Months

#### B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Substances whose occupational exposure limits have to be monitored in the workplace:

EH40/2005 Workplace exposure limits, fourth edition, published 2020:

| Identification                                   |  | Occupational exposure limits |          |                        |
|--------------------------------------------------|--|------------------------------|----------|------------------------|
| ethanol<br>CAS: 64-17-5 EC: 200-578-6            |  | WEL (8h)                     | 1000 ppm | 1920 mg/m <sup>3</sup> |
|                                                  |  | WEL (15 min)                 |          |                        |
| Isopentyl acetate<br>CAS: 123-92-2 EC: 204-662-3 |  | WEL (8h)                     | 50 ppm   | 270 mg/m <sup>3</sup>  |
|                                                  |  | WEL (15 min)                 | 100 ppm  | 541 mg/m <sup>3</sup>  |
| Propylene Glycol<br>CAS: 57-55-6 EC: 200-338-0   |  | WEL (8h)                     | 150 ppm  | 474 mg/m <sup>3</sup>  |
|                                                  |  | WEL (15 min)                 |          |                        |
| Glycerin<br>CAS: 56-81-5 EC: 200-289-5           |  | WEL (8h)                     |          | 10 mg/m <sup>3</sup>   |
|                                                  |  | WEL (15 min)                 |          |                        |

### DNEL (Workers):

| Identification                                    |            | Short exposure |                | Long exposure         |                      |
|---------------------------------------------------|------------|----------------|----------------|-----------------------|----------------------|
|                                                   |            | Systemic       | Local          | Systemic              | Local                |
| Glycerin<br>CAS: 56-81-5<br>EC: 200-289-5         | Oral       | Non-applicable | Non-applicable | Non-applicable        | Non-applicable       |
|                                                   | Dermal     | Non-applicable | Non-applicable | Non-applicable        | Non-applicable       |
|                                                   | Inhalation | Non-applicable | Non-applicable | Non-applicable        | 56 mg/m <sup>3</sup> |
| Propylene Glycol<br>CAS: 57-55-6<br>EC: 200-338-0 | Oral       | Non-applicable | Non-applicable | Non-applicable        | Non-applicable       |
|                                                   | Dermal     | Non-applicable | Non-applicable | Non-applicable        | Non-applicable       |
|                                                   | Inhalation | Non-applicable | Non-applicable | 168 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> |
| Allyl hexanoate<br>CAS: 123-68-2<br>EC: 204-642-4 | Oral       | Non-applicable | Non-applicable | Non-applicable        | Non-applicable       |
|                                                   | Dermal     | Non-applicable | Non-applicable | 4.3 mg/kg             | Non-applicable       |
|                                                   | Inhalation | Non-applicable | Non-applicable | 15 mg/m <sup>3</sup>  | Non-applicable       |

### DNEL (General population):

| Identification                                    |            | Short exposure |                | Long exposure         |                      |
|---------------------------------------------------|------------|----------------|----------------|-----------------------|----------------------|
|                                                   |            | Systemic       | Local          | Systemic              | Local                |
| Glycerin<br>CAS: 56-81-5<br>EC: 200-289-5         | Oral       | Non-applicable | Non-applicable | 229 mg/kg             | Non-applicable       |
|                                                   | Dermal     | Non-applicable | Non-applicable | Non-applicable        | Non-applicable       |
|                                                   | Inhalation | Non-applicable | Non-applicable | Non-applicable        | 33 mg/m <sup>3</sup> |
| Propylene Glycol<br>CAS: 57-55-6<br>EC: 200-338-0 | Oral       | Non-applicable | Non-applicable | Non-applicable        | Non-applicable       |
|                                                   | Dermal     | Non-applicable | Non-applicable | Non-applicable        | Non-applicable       |
|                                                   | Inhalation | Non-applicable | Non-applicable | 50 mg/m <sup>3</sup>  | 10 mg/m <sup>3</sup> |
| Allyl hexanoate<br>CAS: 123-68-2<br>EC: 204-642-4 | Oral       | Non-applicable | Non-applicable | 2.1 mg/kg             | Non-applicable       |
|                                                   | Dermal     | Non-applicable | Non-applicable | 2.1 mg/kg             | Non-applicable       |
|                                                   | Inhalation | Non-applicable | Non-applicable | 3.7 mg/m <sup>3</sup> | Non-applicable       |

### PNEC:

| Identification                                    |              |                |                         |  |                |
|---------------------------------------------------|--------------|----------------|-------------------------|--|----------------|
| Glycerin<br>CAS: 56-81-5<br>EC: 200-289-5         | STP          | 1000 mg/L      | Fresh water             |  | 0.885 mg/L     |
|                                                   | Soil         | 0.141 mg/kg    | Marine water            |  | 0.088 mg/L     |
|                                                   | Intermittent | 8.85 mg/L      | Sediment (Fresh water)  |  | 3.3 mg/kg      |
|                                                   | Oral         | Non-applicable | Sediment (Marine water) |  | 0.33 mg/kg     |
| Propylene Glycol<br>CAS: 57-55-6<br>EC: 200-338-0 | STP          | 20000 mg/L     | Fresh water             |  | 260 mg/L       |
|                                                   | Soil         | 50 mg/kg       | Marine water            |  | 26 mg/L        |
|                                                   | Intermittent | 183 mg/L       | Sediment (Fresh water)  |  | 572 mg/kg      |
|                                                   | Oral         | Non-applicable | Sediment (Marine water) |  | 57.2 mg/kg     |
| Allyl hexanoate<br>CAS: 123-68-2<br>EC: 204-642-4 | STP          | 10 mg/L        | Fresh water             |  | 0.000117 mg/L  |
|                                                   | Soil         | 0.000825 mg/kg | Marine water            |  | 0.000012 mg/L  |
|                                                   | Intermittent | 0.00117 mg/L   | Sediment (Fresh water)  |  | 0.00446 mg/kg  |
|                                                   | Oral         | 0.04756 g/kg   | Sediment (Marine water) |  | 0.000446 mg/kg |

### 8.2 Exposure controls:

A.- General security and hygiene measures in the work place

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

### B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

### C.- Specific protection for the hands

Non-applicable

### D.- Ocular and facial protection

Non-applicable

### E.- Body protection

Non-applicable

### F.- Additional emergency measures

It is not necessary to take additional emergency measures.

### Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

### Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

|                           |                                   |
|---------------------------|-----------------------------------|
| V.O.C. (Supply):          | 0.6 % weight                      |
| V.O.C. density at 20 °C:  | 7.08 kg/m <sup>3</sup> (7.08 g/L) |
| Average carbon number:    | 6.88                              |
| Average molecular weight: | 109.01 g/mol                      |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

#### Appearance:

|                          |                  |
|--------------------------|------------------|
| Physical state at 20 °C: | Liquid           |
| Appearance:              | Colorless        |
| Colour:                  | Not available    |
| Odour:                   | Pleasant         |
| Odour threshold:         | Non-applicable * |

#### Volatility:

|                                        |                       |
|----------------------------------------|-----------------------|
| Boiling point at atmospheric pressure: | 185 °C                |
| Vapour pressure at 20 °C:              | 222 Pa                |
| Vapour pressure at 50 °C:              | 1175.57 Pa (1.18 kPa) |
| Evaporation rate at 20 °C:             | Non-applicable *      |

#### Product description:

|                               |                          |
|-------------------------------|--------------------------|
| Density at 20 °C:             | 1181.9 kg/m <sup>3</sup> |
| Relative density at 20 °C:    | 1.182                    |
| Dynamic viscosity at 20 °C:   | Non-applicable *         |
| Kinematic viscosity at 20 °C: | Non-applicable *         |
| Kinematic viscosity at 40 °C: | Non-applicable *         |
| Concentration:                | Non-applicable *         |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

|                                              |                        |
|----------------------------------------------|------------------------|
| pH:                                          | Non-applicable *       |
| Vapour density at 20 °C:                     | Non-applicable *       |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable *       |
| Solubility in water at 20 °C:                |                        |
| Solubility properties:                       | Non-applicable *       |
| Decomposition temperature:                   | Non-applicable *       |
| Melting point/freezing point:                | Non-applicable *       |
| Explosive properties:                        | Non-applicable *       |
| Oxidising properties:                        | Non-applicable *       |
| <b>Flammability:</b>                         |                        |
| Flash Point:                                 | Non Flammable (>60 °C) |
| Heat of combustion:                          | Non-applicable *       |
| Flammability (solid, gas):                   | Non-applicable *       |
| Autoignition temperature:                    | 220 °C                 |
| Lower flammability limit:                    | Non-applicable *       |
| Upper flammability limit:                    | Non-applicable *       |
| <b>Explosive:</b>                            |                        |
| Lower explosive limit:                       | Non-applicable *       |
| Upper explosive limit:                       | Non-applicable *       |
| <b>9.2 Other information:</b>                |                        |
| Surface tension at 20 °C:                    | Non-applicable *       |
| Refraction index:                            | Non-applicable *       |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

### 10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

### 10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

### 10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight   | Humidity       |
|--------------------|------------------|-------------------------|------------|----------------|
| Not applicable     | Not applicable   | Precaution              | Precaution | Not applicable |

### 10.5 Incompatible materials:

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

### 10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

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## SECTION 11: TOXICOLOGICAL INFORMATION (continued)

The experimental information related to the toxicological properties of the product itself is not available

### Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

#### A- Ingestion (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as dangerous for this effect. For more information see section 3.

#### B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

#### C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous for skin contact. For more information see section 3.
- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

#### D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.  
IARC: ethanol (1); beta-Myrcene (2B)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

#### E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met. However, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

#### F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

#### G- Specific target organ toxicity (STOT)-repeated exposure:

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

#### H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

### Other information:

Non-applicable

### Specific toxicology information on the substances:

| Identification                                    | Acute toxicity  |                     | Genus |
|---------------------------------------------------|-----------------|---------------------|-------|
| Allyl hexanoate<br>CAS: 123-68-2<br>EC: 204-642-4 | LD50 oral       | 220 mg/kg           |       |
|                                                   | LD50 dermal     | 300 mg/kg           |       |
|                                                   | LC50 inhalation | 3 mg/L (4 h) (ATEI) |       |
| Propylene Glycol<br>CAS: 57-55-6<br>EC: 200-338-0 | LD50 oral       | >2000 mg/kg         |       |
|                                                   | LD50 dermal     | >2000 mg/kg         |       |
|                                                   | LC50 inhalation | >20 mg/L (4 h)      |       |

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**Strapped Sherbet - Cherry (0mg/ml) - UFI: N/A**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

| Identification                             | Acute toxicity  |                | Genus |
|--------------------------------------------|-----------------|----------------|-------|
| Glycerin<br>CAS: 56-81-5<br>EC: 200-289-5  | LD50 oral       | 12600 mg/kg    | Rat   |
|                                            | LD50 dermal     | >2000 mg/kg    |       |
|                                            | LC50 inhalation | >20 mg/L (4 h) |       |
| Limonene<br>CAS: 138-86-3<br>EC: 205-341-0 | LD50 oral       | >2000 mg/kg    |       |
|                                            | LD50 dermal     | >2000 mg/kg    |       |
|                                            | LC50 inhalation | >20 mg/L       |       |

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

**12.1 Toxicity:**

| Identification                                    | Acute toxicity |                      | Species                   | Genus      |
|---------------------------------------------------|----------------|----------------------|---------------------------|------------|
| Propylene Glycol<br>CAS: 57-55-6<br>EC: 200-338-0 | LC50           | 51400 mg/L (96 h)    | Pimephales promelas       | Fish       |
|                                                   | EC50           | 10000 mg/L (24 h)    | Daphnia magna             | Crustacean |
|                                                   | EC50           | 19100 mg/L (336 h)   | Selenastrum capricornutum | Algae      |
| Limonene<br>CAS: 138-86-3<br>EC: 205-341-0        | LC50           | 38.5 mg/L (96 h)     | Pimephales promelas       | Fish       |
|                                                   | EC50           | 0.7 mg/L (48 h)      | Daphnia magna             | Crustacean |
|                                                   | EC50           | 1.6 mg/L (48 h)      | Selenastrum capricornutum | Algae      |
| Allyl hexanoate<br>CAS: 123-68-2<br>EC: 204-642-4 | LC50           | >0.1 - 1 mg/L (96 h) |                           | Fish       |
|                                                   | EC50           | >0.1 - 1 mg/L (48 h) |                           | Crustacean |
|                                                   | EC50           | >0.1 - 1 mg/L (72 h) |                           | Algae      |

**12.2 Persistence and degradability:**

| Identification                                    | Degradability |                | Biodegradability |          |
|---------------------------------------------------|---------------|----------------|------------------|----------|
| Glycerin<br>CAS: 56-81-5<br>EC: 200-289-5         | BOD5          | Non-applicable | Concentration    | 100 mg/L |
|                                                   | COD           | Non-applicable | Period           | 14 days  |
|                                                   | BOD5/COD      | Non-applicable | % Biodegradable  | 63 %     |
| Propylene Glycol<br>CAS: 57-55-6<br>EC: 200-338-0 | BOD5          | 1.08 g O2/g    | Concentration    | 100 mg/L |
|                                                   | COD           | 1.63 g O2/g    | Period           | 28 days  |
|                                                   | BOD5/COD      | 0.66           | % Biodegradable  | 90 %     |
| Limonene<br>CAS: 138-86-3<br>EC: 205-341-0        | BOD5          | Non-applicable | Concentration    | 100 mg/L |
|                                                   | COD           | Non-applicable | Period           | 14 days  |
|                                                   | BOD5/COD      | Non-applicable | % Biodegradable  | 69 %     |

**12.3 Bioaccumulative potential:**

| Identification                                    | Bioaccumulation potential |       |
|---------------------------------------------------|---------------------------|-------|
| Glycerin<br>CAS: 56-81-5<br>EC: 200-289-5         | BCF                       | 3     |
|                                                   | Pow Log                   | -1.76 |
|                                                   | Potential                 | Low   |
| Propylene Glycol<br>CAS: 57-55-6<br>EC: 200-338-0 | BCF                       | 1     |
|                                                   | Pow Log                   | -0.92 |
|                                                   | Potential                 | Low   |
| Limonene<br>CAS: 138-86-3<br>EC: 205-341-0        | BCF                       | 660   |
|                                                   | Pow Log                   | 4.57  |
|                                                   | Potential                 | High  |

**12.4 Mobility in soil:**

| Identification                                    | Absorption/desorption |                      | Volatility |                |
|---------------------------------------------------|-----------------------|----------------------|------------|----------------|
| Glycerin<br>CAS: 56-81-5<br>EC: 200-289-5         | Koc                   | Non-applicable       | Henry      | Non-applicable |
|                                                   | Conclusion            | Non-applicable       | Dry soil   | Non-applicable |
|                                                   | Surface tension       | 6.516E-2 N/m (25 °C) | Moist soil | Non-applicable |
| Propylene Glycol<br>CAS: 57-55-6<br>EC: 200-338-0 | Koc                   | Non-applicable       | Henry      | Non-applicable |
|                                                   | Conclusion            | Non-applicable       | Dry soil   | Non-applicable |
|                                                   | Surface tension       | 3.547E-2 N/m (25 °C) | Moist soil | Non-applicable |

- CONTINUED ON NEXT PAGE -

**Strapped Sherbet - Cherry (0mg/ml) - UFI: N/A**

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

| Identification | Absorption/desorption |                | Volatility |                               |
|----------------|-----------------------|----------------|------------|-------------------------------|
| Limonene       | Koc                   | 1300           | Henry      | 3242.4 Pa·m <sup>3</sup> /mol |
| CAS: 138-86-3  | Conclusion            | Low            | Dry soil   | Yes                           |
| EC: 205-341-0  | Surface tension       | Non-applicable | Moist soil | Yes                           |

**12.5 Results of PBT and vPvB assessment:**

Product fails to meet PBT/vPvB criteria

**12.6 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

| Code | Description                                                                                 | Waste class (Regulation (EU) No 1357/2014) |
|------|---------------------------------------------------------------------------------------------|--------------------------------------------|
|      | It is not possible to assign a specific code, as it depends on the intended use by the user | Non dangerous                              |

**Type of waste (Regulation (EU) No 1357/2014):**

Non-applicable

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC, The Waste Regulations 2011, 2011 No. 988). As under 15 01 (2014/955/EU) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to ADR 2019 and RID 2019:

- 14.1 UN number:** Non-applicable
- 14.2 UN proper shipping name:** Non-applicable
- 14.3 Transport hazard class(es):** Non-applicable
- Labels:** Non-applicable
- 14.4 Packing group:** Non-applicable
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
- Special regulations: Non-applicable
- Tunnel restriction code: Non-applicable
- Physico-Chemical properties: see section 9
- Limited quantities: Non-applicable
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**Transport of dangerous goods by sea:**

With regard to IMDG 39-18:

#### SECTION 14: TRANSPORT INFORMATION (continued)

|                                                                                 |                |
|---------------------------------------------------------------------------------|----------------|
| <b>14.1 UN number:</b>                                                          | Non-applicable |
| <b>14.2 UN proper shipping name:</b>                                            | Non-applicable |
| <b>14.3 Transport hazard class(es):</b>                                         | Non-applicable |
| Labels:                                                                         | Non-applicable |
| <b>14.4 Packing group:</b>                                                      | Non-applicable |
| <b>14.5 Marine pollutant:</b>                                                   | No             |
| <b>14.6 Special precautions for user</b>                                        |                |
| Special regulations:                                                            | Non-applicable |
| EmS Codes:                                                                      |                |
| Physico-Chemical properties:                                                    | see section 9  |
| Limited quantities:                                                             | Non-applicable |
| Segregation group:                                                              | Non-applicable |
| <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b> | Non-applicable |

##### Transport of dangerous goods by air:

With regard to IATA/ICAO 2020:

|                                                                                 |                |
|---------------------------------------------------------------------------------|----------------|
| <b>14.1 UN number:</b>                                                          | Non-applicable |
| <b>14.2 UN proper shipping name:</b>                                            | Non-applicable |
| <b>14.3 Transport hazard class(es):</b>                                         | Non-applicable |
| Labels:                                                                         | Non-applicable |
| <b>14.4 Packing group:</b>                                                      | Non-applicable |
| <b>14.5 Environmental hazards:</b>                                              | No             |
| <b>14.6 Special precautions for user</b>                                        |                |
| Physico-Chemical properties:                                                    | see section 9  |
| <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:</b> | Non-applicable |

#### SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains ethanol.

Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Non-applicable

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

##### Seveso III:

Non-applicable

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....)**

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## SECTION 15: REGULATORY INFORMATION (continued)

Directive 2014/40/EU of the European Parliament and of the Council of 3 April 2014 on the approximation of the laws, regulations and administrative provisions of the Member States concerning the manufacture, presentation and sale of tobacco and related products and repealing Directive 2001/37/EC:

(a) unit packets of electronic cigarettes and refill containers include a leaflet with information on:

(i) instructions for use and storage of the product, including a reference that the product is not recommended for use by young people and non-smokers;

(ii) contra-indications;

(iii) warnings for specific risk groups;

(iv) possible adverse effects;

(v) addictiveness and toxicity; and

(vi) contact details of the manufacturer or importer and a legal or natural contact person within the Union;

(b) unit packets and any outside packaging of electronic cigarettes and refill containers:

(i) include a list of all ingredients contained in the product in descending order of the weight, and an indication of the nicotine content of the product and the delivery per dose, the batch number and a recommendation to keep the product out of reach of children;

(ii) without prejudice to point (i) of this point, do not include elements or features referred to in Article 13, with the exception of Article 13(1)(a) and (c) concerning information on the nicotine content and on flavourings; and

(iii) carry one of the following health warnings:

'This product contains nicotine which is a highly addictive substance. It is not recommended for use by non-smokers'.

or

'This product contains nicotine which is a highly addictive substance.'

Member States shall determine which of these health warnings is to be used;

(c) health warnings comply with the requirements specified in Article 12(2).

### **Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

### **Other legislation:**

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009), SI 2009 No 1348

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) Regulations 2011, 2011 No. 1885

Control of Substances Hazardous to Health Regulations 2002 (as amended)

EH40/2005 Workplace exposure limits

The Waste Regulations 2011, 2011 No. 988

Directive 2014/40/EU of the European Parliament and of the Council of 3 April 2014 on the approximation of the laws, regulations and administrative provisions of the Member States concerning the manufacture, presentation and sale of tobacco and related products and repealing Directive 2001/37/EC

### **15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

## SECTION 16: OTHER INFORMATION

### **Legislation related to safety data sheets:**

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

### **Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Non-applicable

### **Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

### **CLP Regulation (EC) No 1272/2008:**

Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled.

Aquatic Acute 1: H400 - Very toxic to aquatic life.

Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

Skin Irrit. 2: H315 - Causes skin irritation.

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

### **Classification procedure:**

Non-applicable

### **Advice related to training:**

- CONTINUED ON NEXT PAGE -



**Strapped Sherbet - Cherry (0mg/ml) - UFI: N/A**

**SECTION 16: OTHER INFORMATION (continued)**

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

**Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

LC50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

Product safety information sheet prepared in accordance with Article 32 of Regulation (EC) 1907/2006 (REACH); this document does not constitute a Safety Data Sheet under Article 31 of Regulation (EC) No. 1907/2006, as a Safety Data Sheet is not mandatory for this product.  
The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -