



**Safety Data Sheet**  
**Strawberry Raspberry Ice**

**Revision Date: 21/11/2023**

**Section 1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product Identity** Strawberry Raspberry Ice

**Alternate Names** Strawberry Raspberry Ice

**Article number** HF519251-20

**Sample batch** 20231121BSDS040

**Unique Formula Identifier**

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

**Intended Uses and Uses Advised Against** See Technical Data Sheet.

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

**Company Name** DongGuan HongFu Biotechnology  
Room 301, Building 1, No.10, Yunlian 9th Street,  
  
Dalang Town, Dongguan City, Guangdong Province,  
China  
  
**Customer Service:** +86 769 83001870

**1.4. Emergency telephone number**

**Emergency**

**24 hour Emergency Telephone No.** +86 769 83001870

**Section 2. Hazard identification of the product**

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

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

|                                             |                                      |
|---------------------------------------------|--------------------------------------|
| Acute toxicity(oral), category 3;H301       | Toxic if swallowed.                  |
| Acute toxicity(dermal), category 4;H312     | Harmful in contact with skin.        |
| Acute toxicity(inhalation), category 3;H331 | Toxic if inhaled.                    |
| Skin sensitizer category 1A;H317            | May cause an allergic skin reaction. |

## 2.2. Label elements

According to REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006



**Danger**

Hazard statement(s):

H301 Toxic if swallowed.

H312 Harmful in contact with skin.

H317 May cause an allergic skin reaction.

H331 Toxic if inhaled.

EUH208: Contains 3(2H)-Furanone, 4-hydroxy-2,5-dimethyl-. May produce an allergic reaction.

Precautionary statement(s):

P301+310 IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician.

P403+233 Store in a well ventilated place. Keep container tightly closed.

P261 Avoid breathing dust, fume, gas, mist, vapors, spray.

P280 All Wear protective gloves, protective clothing, eye protection, face protection.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

## 2.3. Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

## Section 3. Composition/information on ingredients

### 3.2. Mixtures

If the product contains substances that present a hazard according to Regulation (EC) No. 1272/2008 [CLP/GHS], they are listed below.

| Component                           | % Weight | CAS No.    | EC No.    | CLP Classification                                                                        |
|-------------------------------------|----------|------------|-----------|-------------------------------------------------------------------------------------------|
| Glycerol                            | 45.00    | 56-81-5    | 200-289-5 | Substance is not classified as hazardous.                                                 |
| Propylene glycol                    | 39.00    | 57-55-6    | 200-338-0 | Substance is not classified as hazardous.                                                 |
| Triacetin                           | 7.32     | 102-76-1   | 203-051-9 | Not Classified                                                                            |
| Nicotine benzoate                   | 3.10     | 88660-53-1 | 828-490-9 | Acute Tox. 2(H300)<br>Acute Tox. 1(H310)<br>Acute Tox. 2(H330)<br>Aquatic Chronic 2(H411) |
| N,2,3-Trimethyl-2-isopropylbutamide | 2.00     | 51115-67-4 | 256-974-4 | Acute Tox. 4(H302)                                                                        |

|                                       |      |           |           |                                                                                     |
|---------------------------------------|------|-----------|-----------|-------------------------------------------------------------------------------------|
| Ethyl butyrate                        | 0.95 | 105-54-4  | 203-306-4 | Flam. Liq. 3(H226)<br>Eye Irrit. 2(H319)                                            |
| Benzyl alcohol                        | 0.43 | 100-51-6  | 202-859-9 | Acute Tox. 4 *(H302)<br>Acute Tox. 4 *(H332)                                        |
| Acetic acid                           | 0.43 | 64-19-7   | 200-580-7 | Flam. Liq. 3 (H226)<br>Skin Corr. 1A(H314)                                          |
| Ethyl maltol                          | 0.37 | 4940-11-8 | 225-582-5 | Acute Tox. 4(H302)                                                                  |
| cis-hex-3-en-1-ol                     | 0.22 | 928-96-1  | 213-192-8 | Flam. Liq. 3(H226)<br>Eye Irrit. 2(H319)                                            |
| gamma-Decalactone                     | 0.22 | 706-14-9  | 211-892-8 | Not Classified                                                                      |
| 4-Hydroxy-2,5-Dimethylfuran-3(2H)-One | 0.15 | 3658-77-3 | 222-908-8 | Acute Tox. 4(H302)<br>Skin Corr. 1B(H314)<br>Skin Sens. 1A(H317)                    |
| Benzyl acetate                        | 0.14 | 140-11-4  | 205-399-7 | Aquatic Chronic 3(H412)                                                             |
| Ethyl lactate                         | 0.13 | 97-64-3   | 202-598-0 | Skin Irrit. 2(H315)<br>Eye Dam.1(H318)<br>Flam. Liq. 3(H226)<br>STOT SE 3(H335)     |
| cis-3-Hexenyl Acetate                 | 0.12 | 3681-71-8 | 222-960-1 | Flam. Liq. 3(H226)                                                                  |
| 4-(4-Hydroxyphenyl)-2-butanone        | 0.11 | 5471-51-2 | 226-806-4 | Not Classified                                                                      |
| Ethyl 2-methylbutyrate                | 0.11 | 7452-79-1 | 231-225-4 | Flam. Liq. 3(H226)                                                                  |
| Ethyl Hexanoate                       | 0.10 | 123-66-0  | 204-640-3 | Flam. Liq. 3(H226)<br>Skin Irrit. 2(H315)                                           |
| 2-Methyl butyric acid                 | 0.10 | 116-53-0  | 204-145-2 | Acute Tox. 4(H302)<br>Skin Corr. 1B(H314)<br>Eye Dam. 1(H318)<br>Acute Tox. 4(H312) |

"Remark:3.10% Nicotine Benzoate Equals 20 mg/mL Nicotine."

<sup>^CLP 31</sup> Reference EC No. 1272/2008 1.1.3.1. Notes relating to the identification, classification and labelling of substances (Table 3.1).

\*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

## Section 4. First aid measures

### 4.1. Description of first aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

#### Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

#### Eye

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

|                  |                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Skin</b>      | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. |
| <b>Ingestion</b> | If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.                    |

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

**Overview** Treat symptomatically. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

**Inhalation** Toxic if inhaled.

**Skin** Harmful in contact with skin. May cause an allergic skin reaction.

**Ingestion** Toxic if swallowed.

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

**Notes to physician** Treat symptomatically. IF SWALLOWED: Immediately call a POISON CENTER, doctor or physician. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Call a poison center or doctor or physician if you feel unwell. Call a POISON CENTER or doctor, physician. IF SWALLOWED: Rinse mouth. If skin irritation or a rash occurs: Get medical advice or attention. Remove person to fresh air and keep comfortable for breathing. Take off contaminated clothing and wash it before reuse.

### **Section 5. Fire-fighting measures**

#### **5.1. Extinguishing media**

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

#### **5.2. Special hazards arising from the substance or mixture**

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep container tightly closed.

Avoid breathing dust, fume, gas, mist, vapors, spray.

#### **5.3. Advice for fire-fighters**

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

## Section 6. Accidental release measures

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

Put on appropriate personal protective equipment (see section 8).

Avoid breathing dust, fume, gas, mist, vapors, spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace.

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Dispose of contents or container in accordance with local and national regulations.

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

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

### 6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## Section 7. Handling and storage

### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Wear protective gloves, protective clothing, eye protection, face protection.

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

Incompatible materials: Strong oxidizing agents and acids.

Store in a well ventilated place. Keep container tightly closed. Store locked up.

### 7.3. Specific end use(s)

No available information

## Section 8. Exposure controls / personal protection

### 8.1. Control parameters

#### Exposure

| CAS No. | Ingredient | Source                   | Value                                                             |
|---------|------------|--------------------------|-------------------------------------------------------------------|
| 56-81-5 | Glycerol   | ACGIH                    | TWA: 3 mg/m <sup>3</sup> (respirable) 10 mg/m <sup>3</sup> (mist) |
|         |            | DNEL Local Exposure      | No Established Limit                                              |
|         |            | DNEL Systematic Exposure | No Established Limit                                              |

|            |                                     |                          |                                    |
|------------|-------------------------------------|--------------------------|------------------------------------|
|            |                                     | National                 | No Established Limit               |
| 57-55-6    | Propylene glycol                    | ACGIH                    | TWA(Aerosol): 10 mg/m <sup>3</sup> |
|            |                                     | DNEL Local Exposure      | 10 mg/m <sup>3</sup>               |
|            |                                     | DNEL Systematic Exposure | 168 mg/m <sup>3</sup>              |
|            |                                     | National                 | No Established Limit               |
| 51115-67-4 | N,2,3-Trimethyl-2-isopropylbutamide | ACGIH                    | No Established Limit               |
|            |                                     | DNEL Local Exposure      | No Established Limit               |
|            |                                     | DNEL Systematic Exposure | No Established Limit               |
|            |                                     | National                 | No Established Limit               |
| 88660-53-1 | Nicotine benzoate                   | ACGIH                    | No Established Limit               |
|            |                                     | DNEL Local Exposure      | No Established Limit               |
|            |                                     | DNEL Systematic Exposure | No Established Limit               |
|            |                                     | National                 | No Established Limit               |

Contains mineral oil. The exposure limits for oil mist are 5 mg/m<sup>3</sup> OSHA PEL and 5 mg/m<sup>3</sup> ACGIH.

## 8.2. Exposure controls

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory</b>          | If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Eyes</b>                 | Protective safety glasses recommended                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Skin</b>                 | Avoid skin contact. Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. Recommended: Viton or Nitrile gloves. When prolonged or frequently repeated contact may occur, a glove with a protection class of 6 (breakthrough time greater than 480 minutes according to EN 374) is recommended. When only brief contact is expected, a glove with a protection class of 2 or higher (breakthrough time greater than 30 minutes according to EN 374) is recommended. The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/ specifications provided by the glove supplier. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. |
| <b>Engineering Controls</b> | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]

## Section 9. Physical and chemical properties

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

|                                                        |                                                                                                                  |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Physical State</b>                                  | Liquid                                                                                                           |
| <b>Color</b>                                           | Light Yellow                                                                                                     |
| <b>Odor</b>                                            | Strawberry Raspberry                                                                                             |
| <b>Melting point / freezing point</b>                  | No available information                                                                                         |
| <b>Initial boiling point and boiling range</b>         | No available information                                                                                         |
| <b>Flammability (solid, gas)</b>                       | No available information                                                                                         |
| <b>Upper/lower flammability or explosive limits</b>    | <b>Lower Explosive Limit:</b> No available information<br><b>Upper Explosive Limit:</b> No available information |
| <b>Flash Point</b>                                     | °F °C, Test method: (Open/Close cup)                                                                             |
| <b>Auto-ignition temperature</b>                       | No available information                                                                                         |
| <b>Decomposition temperature</b>                       | No available information                                                                                         |
| <b>pH</b>                                              | 5.24±0.50                                                                                                        |
| <b>Viscosity at 25°C (cSt)</b>                         | 145.10 (100±20) % mPa·s                                                                                          |
| <b>Solubility in Water</b>                             | No available information                                                                                         |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | No available information                                                                                         |
| <b>Vapor pressure (Pa)</b>                             | No available information                                                                                         |
| <b>Relative Density</b>                                | 1.1320±0.01                                                                                                      |
| <b>Vapor Density</b>                                   | No available information                                                                                         |
| <b>Evaporation rate (Ether = 1)</b>                    | No available information                                                                                         |
| <b>Oxidising properties</b>                            | No available information                                                                                         |
| <b>Explosive properties</b>                            | No available information                                                                                         |

### 9.2. Other information

No other relevant information.

## Section 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No available information

### 10.4. Conditions to avoid

Excessive heat and open flame.

### 10.5. Incompatible materials

Strong oxidizing agents and acids.

### 10.6. Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

## Section 11. Toxicological information

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

#### Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Ingredient                                         | Oral LD50,<br>mg/kg                | Skin LD50,<br>mg/kg                  | Inhalation<br>Vapour LC50,<br>mg/L/4hr | Inhalation<br>Dust/Mist LC50,<br>mg/L/4hr | Inhalation<br>Gas LC50,<br>ppm |
|----------------------------------------------------|------------------------------------|--------------------------------------|----------------------------------------|-------------------------------------------|--------------------------------|
| Glycerol - (56-81-5)                               | 27,200.00, Mouse<br>- Category: NA | No data<br>available.                | 5.85No data<br>available 3             | No data<br>available.                     | No data<br>available.          |
| Propylene glycol - (57-55-6)                       | 22,000.00, Rat -<br>Category: NA   | > 2,000.00, Rabbit<br>- Category: NA | No data<br>available.                  | No data<br>available.                     | No data<br>available.          |
| N,2,3-Trimethyl-2-isopropylbutamide - (51115-67-4) | 490.00, Rat -<br>Category: 4       | No data<br>available.                | No data<br>available.                  | No data<br>available.                     | No data<br>available.          |
| Nicotine benzoate - (88660-53-1)                   | 5.00, Rat -<br>Category: 1         | 50.00, Rabbit -<br>Category: 1       | No data<br>available.                  | 0.19, ATE<br>Estimate -<br>Category: 2    | No data<br>available.          |

#### Carcinogen Data

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

| Classification                | Category | Hazard Description            |
|-------------------------------|----------|-------------------------------|
| Acute toxicity (oral)         | 3        | Toxic if swallowed.           |
| Acute toxicity (dermal)       | 4        | Harmful in contact with skin. |
| Acute toxicity (inhalation)   | 3        | Toxic if inhaled.             |
| Skin corrosion/irritation     | ---      | ---                           |
| Serious eye damage/irritation | ---      | ---                           |
| Respiratory sensitization     | ---      | ---                           |

|                        |     |                                      |
|------------------------|-----|--------------------------------------|
| Skin sensitization     | 1A  | May cause an allergic skin reaction. |
| Germ cell mutagenicity | --- | ---                                  |
| Carcinogenicity        | --- | ---                                  |
| Reproductive toxicity  | --- | ---                                  |
| STOT-single exposure   | --- | ---                                  |
| STOT-repeated exposure | --- | ---                                  |
| Aspiration hazard      | --- | ---                                  |

## 11.2 Information on other hazards

### 11.2.1. Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

## Section 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

| Ingredient                                         | 96 hr LC50 fish,<br>mg/L          | 48 hr EC50<br>crustacea,<br>mg/L | ErC50 algae,<br>mg/L                      | 3hr IC50 Bacteria<br>mg/L | Biodegradability<br>% |
|----------------------------------------------------|-----------------------------------|----------------------------------|-------------------------------------------|---------------------------|-----------------------|
| Glycerol - (56-81-5)                               | 54,000.00,<br>Oncorhynchus mykiss | 1,955.00, Daphnia<br>magna       | No data available.                        | ---                       | ---                   |
| Propylene glycol - (57-55-6)                       | 40,613.00, Salmo<br>gairdneri     | 18,340.00,<br>Ceriodaphnia dubia | 24,200.00,<br>Raphidocelis<br>subcapitata | ---                       | 106.80                |
| N,2,3-Trimethyl-2-isopropylbutamide - (51115-67-4) | No data available.                | > 100.00, Daphnia<br>magna       | > 100.00,<br>Raphidocelis<br>subcapitata  | ---                       | 20.00                 |
| Nicotine benzoate - (88660-53-1)                   | No data available.                | No data available.               | No data available.                        | ---                       | ---                   |

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

No available information

### 12.4. Mobility in soil

No available information

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6 Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

### 12.7. Other adverse effects

No available information

## Section 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## Section 14. Transport information

### 14.1. UN number

ADR: UN 3144

IMDG: UN 3144

ICAO: UN 3144

### 14.2. UN proper shipping name

ADR: NICOTINE PREPARATION, LIQUID, N.O.S. (Strawberry Raspberry Ice 20 mg/mL nicotine E-Liquid)

IMDG: NICOTINE PREPARATION, LIQUID, N.O.S. (Strawberry Raspberry Ice 20 mg/mL nicotine E-Liquid)

ICAO: NICOTINE PREPARATION, LIQUID, N.O.S. (Strawberry Raspberry Ice 20 mg/mL nicotine E-Liquid)

### 14.3. Transport hazard class(es)

ADR: Class 6.1: Toxic substances

IMDG: Class 6.1: Toxic substances

ICAO: Class 6.1: Toxic substances

### Transport pictograms on the label:



### 14.4. Packing group

ADR: III

IMDG: III

ICAO: III

### 14.5. Environmental hazards

Not available

### 14.6. Special precautions for user

Move carefully to prevent leakage during carriage. Keep necessary protective articles at hand in case of accident. Use emergency escape mask when in need.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not available

## Section 15. Regulatory information

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

#### EU Legislation

REGULATION (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). REGULATION (EC) 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP).

#### National Legislation

None noted.

**SVHC Ingredient:** Not Applicable

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:**

3-Hexen-1-ol, (Z)- (Use restricted. See item 40.)

Acetic acid (Use restricted. See item 40.)

Benzyl Acetate (Use restricted. See item 40.)

Butanoic acid, ethyl ester (Use restricted. See item 40.)

Ethyl hexanoate (Use restricted. See item 40.)

Ethyl lactate (Use restricted. See item 40.)

**15.2. Chemical Safety Assessment**

No Chemical Safety Assessment has been carried out.

|                                      |
|--------------------------------------|
| <b>Section 16. Other information</b> |
|--------------------------------------|

**Revision Date** 21/11/2023

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H300 Fatal if swallowed.

H302 Harmful if swallowed.

H310 Fatal in contact with skin.

H330 Fatal if inhaled.

H412 Harmful to aquatic life with long lasting effects.

ACGIH - American Conference of Governmental Industrial Hygienists

ADR - International Carriage of Dangerous Goods by Road (Accord Dangereux Routier)

CAS - Chemical Abstract Service

CLP - Classification Labeling and Packaging

DOT - Department of Transportation

EC50 - European Commission

EC50 - Half maximal effective concentration

ErC50 - The concentration of test substance which results in a 50 percent reduction in growth rate (ErC50) relative to the control within 72hrs exposure.

GHS - Globally Harmonized System

IARC - International Agency for Research on Cancer

IATA - International Civil Aviation Organization

IC50 - The amount of a substance suspended in the air required to kills 50% of a test animals during a predetermined observation period.

ICAO - International Civil Aviation Organization

IMDG - International Maritime Dangerous Goods

IMO - International Maritime Organization

LC50 - Is the Lethal Concentration of a substance at which 50% of test animals die.

LD50 - Is the Lethal Dose at which 50% of the animals will be expected to die.

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PBT - Persistent, Bioaccumulative and Toxic Chemicals

PEL - Permissible Exposure Limit

REACH - Registration, Evaluation, Authorization and Restriction of Chemicals

RID - Regulations concerning the international carriage of dangerous goods by rail)

STEL - Short Term Exposure Limit

TWA - Time Weighted Average

vPvB - Very Persistent and very Bio-accumulative

WGK - Water Hazard Class

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Classification

Justification

Acute toxicity(oral), category 3;H301

Calculation method

Acute toxicity(dermal), category 4;H312

Calculation method

Acute toxicity(inhalation), category 3;H331

Calculation method

Skin sensitizer category 1A;H317

Calculation method

End of Document

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Date: 2023/11/21