

# Strawberry Flavour (NAT)(SD)

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) &amp; 2015/830

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

### 1.1 Product identifier

|                        |                              |
|------------------------|------------------------------|
| Product Name           | Strawberry Flavour (NAT)(SD) |
| Product code           | TF016163N                    |
| CAS No.                | Not applicable.              |
| EC No.                 | Not applicable.              |
| REACH Registration No. | Not known.                   |

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

|                      |            |
|----------------------|------------|
| Identified Use(s)    | Not known. |
| Uses Advised Against | Not known. |

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer

|                         |  |
|-------------------------|--|
| Company Identification  | Plant-Ex   |
| Address of Manufacturer | Unit 7d<br>Access 18<br>Kings Weston Lane<br>Avonmouth |
| Postal code             | BS11 8HT   |
| Telephone:              | 01173324740  |
| Fax                     | Not known.   |
| E-mail                  | customerservices@plant-ex.com                          |
| Office hours            | 08:00 - 17:00  |

#### Supplier

|                        |  |
|------------------------|--|
| Company Identification | Plant-Ex   |
| Address of Supplier    | Unit 7d<br>Access 18<br>Kings Weston Lane<br>Avonmouth |
| Postal code            | BS11 8HT   |
| Telephone:             | 01173324740  |
| Fax                    | Not known.   |
| E-mail                 | customerservices@plant-ex.com                          |
| Office hours           | 08:00 - 17:00  |

### 1.4 Emergency telephone number

|                     |                    |
|---------------------|--------------------|
| Emergency Phone No. | 0044(0) 7702074825 |
| Contact             | Giles Drewett      |

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP) Not classified as dangerous for supply/use.

### 2.2 Label elements

# Strawberry Flavour (NAT)(SD)

|                            |  |
|----------------------------|--|
| Product Name               | According to Regulation (EC) No. 1272/2008 (CLP)<br>Strawberry Flavour (NAT)(SD)   |
| Hazard Pictogram(s)        | None.  |
| Signal Word(s)             | None.  |
| Hazard Statement(s)        | None.  |
| Precautionary Statement(s) | EUH208: Contains: (Methyl Cinnamate) May produce an allergic reaction.<br>P235+P410: Keep cool. Protect from sunlight.<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P314: Get medical advice/attention if you feel unwell. |

## 2.3 Other hazards

None known.

## 2.4 Additional Information

None.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

| HAZARDOUS INGREDIENT(S) | CAS No.   | EC No. / REACH Registration No. | %W/W  | Hazard Statement(s)                    | Hazard Pictogram(s) |
|-------------------------|-----------|---------------------------------|-------|--|---------------------|
| Maltodextrin            | 9050-36-6 | 232-940-4                       | 30-70 | Not classified                         | None                |
| Gum Acacia              | 9000-01-5 | 232-519-5                       | 10-30 | Not classified                         | None                |
| Ethyl Butyrate          | 105-54-4  | 203-306-4                       | 1-10  | Flam. Liq. 3 H226<br>Eye Irrit. 2 H319 | GHS02<br>GHS07      |
| Ethyl 2-Methylbutyrate  | 7452-79-1 | 231-225-4                       | 1-10  | Flam. Liq. 3 H226                      | GHS02               |
| Maltol                  | 118-71-8  | 204-271-8                       | 1-10  | Acute Tox. 4 H302                      | GHS07               |
| Methyl Cinnamate        | 103-26-4  | 203-093-8                       | <1    | Skin Sens. 1B H317                     | GHS07               |
| Hexenol CIS 3           | 928-96-1  | 213-192-8                       | <1    | Flam. Liq. 3 H226<br>Eye Irrit. 2 H319 | GHS02<br>GHS07      |
| Hexenylacetate CIS 3    | 3681-71-8 | 222-960-1                       | <1    | Flam. Liq. 3 H226                      | GHS02               |
| ISO AmylValerate        | 659-70-1  | 211-536-1                       | <1    | Aquatic Chronic 2 H411                 | GHS09               |
| Hexanoic Acid           | 142-62-1  | 205-550-7                       | <1    | Skin Corr. 1C H314<br>Eye Dam. 1 H318  | GHS05               |

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

|            |   |
|------------|---|
| Inhalation | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
|------------|---|

## Strawberry Flavour (NAT)(SD)

|              |  |
|--------------|--|
| Skin Contact | Wash skin with water.                          |
| Eye Contact  | Flush eyes with water for at least 15 minutes. |
| Ingestion    | Wash out mouth with water.                     |

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

|                                |                                      |
|--------------------------------|--------------------------------------|
| Suitable Extinguishing media   | As appropriate for surrounding fire. |
| Unsuitable extinguishing media | None.                                |

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

None anticipated. Heating may cause decomposition.

### 5.3 Advice for firefighters

As appropriate for surrounding fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

### 6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

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

Sweep spilled substances into containers if appropriate moisten first to prevent dusting.

### 6.4 Reference to other sections

See Also Section 8, 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Not known.

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

|                        |                                 |
|------------------------|---------------------------------|
| Storage temperature    | Ambient.                        |
| Storage life           | Stable under normal conditions. |
| Incompatible materials | None known.                     |

### 7.3 Specific end use(s)

Not known.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## Strawberry Flavour (NAT)(SD)

### 8.1 Control parameters

8.1.1 Occupational Exposure Limits      No Occupational Exposure Limit assigned.

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls      Ensure adequate ventilation.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Not normally required.



Respiratory protection

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls      Do not release large quantities into the surface water or into drains.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|  |  |
|--|--|
| Appearance                                   | Solid.<br>Colour : Not known.                                      |
| Odour  | Not known.   |
| Odour threshold                              | Not known.   |
| pH   | Not known.   |
| Melting point/freezing point                 | Not known.   |
| Initial boiling point and boiling range      | Not applicable.  |
| Flash Point                                  | Not applicable.  |
| Evaporation rate                             | Not known.   |
| Flammability (solid, gas)                    | Not known.   |
| Upper/lower flammability or explosive limits | Not known.   |
| Vapour pressure                              | Not known.   |
| Vapour density                               | Not known.   |
| Density (g/ml)                               | Not known.   |
| Relative density                             | Not known.   |
| Solubility(ies)                              | Solubility (Water) : Not known.<br>Solubility (Other) : Not known. |
| Partition coefficient: n-octanol/water       | Not known.   |
| Auto-ignition temperature                    | Not known.   |

# Strawberry Flavour (NAT)(SD)

|                                |            |
|--------------------------------|------------|
| Decomposition Temperature (°C) | Not known. |
| Viscosity                      | Not known. |
| Explosive properties           | Not known. |
| Oxidising properties           | Not known. |

**9.2 Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity**

None anticipated.

**10.2 Chemical Stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4 Conditions to avoid**

None anticipated.

**10.5 Incompatible materials**

Not known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

|                                |  |
|--------------------------------|--|
| Acute toxicity - Ingestion     | Not classified.<br>Calculated acute toxicity estimate (ATE) Calc ATE - 47619.05000 |
| Acute toxicity - Skin Contact  | Not classified.  |
| Acute toxicity - Inhalation    | Not classified.  |
| Skin corrosion/irritation      | Not classified.  |
| Serious eye damage/irritation  | Not classified.  |
| Skin sensitization data        | Not classified.  |
| Respiratory sensitization data | Not classified.  |
| Germ cell mutagenicity         | Not classified.  |
| Carcinogenicity                | Not classified.  |
| Reproductive toxicity          | Not classified.  |
| Lactation                      | Not classified.  |
| STOT - single exposure         | Not classified.  |
| STOT - repeated exposure       | Not classified.  |
| Aspiration hazard              | Not classified.  |

**11.2 Other information**

## Strawberry Flavour (NAT)(SD)

Not known.

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

|                                       |                                |
|---------------------------------------|--------------------------------|
| Toxicity - Aquatic invertebrates      | Low toxicity to invertebrates. |
| Toxicity - Fish                       | Low toxicity to fish.          |
| Toxicity - Algae                      | Low toxicity to algae.         |
| Toxicity - Sediment<br>Compartment    | Not classified.                |
| Toxicity - Terrestrial<br>Compartment | Not classified.                |

#### 12.2 Persistence and degradability

Not known.

#### 12.3 Bioaccumulative potential

Not known.

#### 12.4 Mobility in soil

Not known.

#### 12.5 Results of PBT and vPvB assessment

Not known.

#### 12.6 Other adverse effects

Not known.

### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

Dispose at suitable refuse site.

#### 13.2 Additional Information

No special precautions are required for this product.

### SECTION 14: TRANSPORT INFORMATION

**Not classified as hazardous for transport.**

#### 14.1 UN number

Not applicable

#### 14.2 UN proper shipping name

Not applicable

#### 14.3 Transport hazard class(es)

Not applicable

#### 14.4 Packing group

Not applicable

#### 14.5 Environmental hazards

# Strawberry Flavour (NAT)(SD)

Not classified as a Marine Pollutant.

## 14.6 Special precautions for user

Not known

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

Not known

## SECTION 15: REGULATORY INFORMATION

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

#### European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Ethyl Butyrate (105-54-4), Ethyl 2-Methylbutyrate (7452-79-1), Hexenol CIS 3 (928-96-1), Hexanoic Acid (142-62-1), Ethyl Hexanoate (123-66-0), Hexenylacetate CIS 3 (3681-71-8), Hexyl Acetate Natural (142-92-7), Maltol (118-71-8), Methyl Cinnamate (103-26-4), ISO AmylValerate (659-70-1), Hexyl Acetate Natural (111-27-3)

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals Not listed

#### National regulations

Other Not known.

### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

### LEGEND

Hazard Pictogram(s) None.  
GHS02: GHS: Flame  
GHS05: GHS: Corrosion

## Strawberry Flavour (NAT)(SD)

|                            |   |
|----------------------------|---|
|                            | GHS07: GHS: Exclamation mark<br>GHS09: GHS: Environment   |
| Hazard classification      | Flam. Liq. 3 : Flammable liquid, Category 3<br>Acute Tox. 4 : Acute toxicity, Category 4<br>Skin Corr. 1C : Skin corrosion/irritation, Category 1C<br>Skin Sens. 1B : Skin sensitization, Category 1B<br>Eye Dam. 1 : Serious eye damage/irritation, Category 1<br>Eye Irrit. 2 : Serious eye damage/irritation, Category 2<br>Aquatic Chronic 2 : Hazardous to the aquatic environment, Chronic, Category 2  |
| Hazard Statement(s)        | H226: Flammable liquid and vapour.<br>H302: Harmful if swallowed.<br>H314: Causes severe skin burns and eye damage.<br>H317: May cause an allergic skin reaction.<br>H318: Causes serious eye damage.<br>H319: Causes serious eye irritation.<br>H411: Toxic to aquatic life with long lasting effects.   |
| Precautionary Statement(s) | P235+P410: Keep cool. Protect from sunlight.<br>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P314: Get medical advice/attention if you feel unwell.  |
| Acronyms                   | CAS : Chemical Abstracts Service<br>CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures<br>DNEL : Derived No Effect Level<br>EC : European Community<br>EINECS : European Inventory of Existing Commercial Chemical Substances<br>LTEL : Long term exposure limit<br>PBT : Persistent, Bioaccumulative and Toxic<br>PNEC : Predicted No Effect Concentration<br>REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals<br>STEL : Short term exposure limit<br>STOT : Specific Target Organ Toxicity<br>vPvB : very Persistent and very Bioaccumulative   |
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