

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

### 1 Identification

- **Product identifier**
- **Trade name:** PASSION FRUIT FLAVOR - TTB, PG FREE
- **Article number:** 92.6025 (EZA16)
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
OliveNation LLC  
13 Robbie Road  
Suite A4  
Avon, MA 02322
- **Information department:** Regulatory department
- **Emergency telephone number:**  
During normal opening times: Call Chemtrec Day or Night  
Domestic North America 800.424.9300/International 703.527.3887 (Collect calls accepted)

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS07

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

Flam. Liq. 4 H227 Combustible liquid.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard-determining components of labeling:**  
BOIS DE ROSE  
ORANGE OIL  
l-.beta.-Pinene
- **Hazard statements**  
Combustible liquid.  
May cause an allergic skin reaction.

(Contd. on page 2)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

(Contd. of page 1)

· **Precautionary statements**

Keep away from flames and hot surfaces. – No smoking.

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing must not be allowed out of the workplace.

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

If on skin: Wash with plenty of water.

Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 2

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 0

Fire = 2

Reactivity = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

## 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

57-55-6	PROPYLENE GLYCOL	≥0.1-<2.5%
8015-77-8	BOIS DE ROSE	≥0.1-≤1%
Skin Irrit. 2, H315; Skin Sens. 1, H317; Flam. Liq. 4, H227		

(Contd. on page 3)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

		(Contd. of page 2)
8008-57-9	<b>ORANGE OIL</b> ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1-≤1%
18172-67-3	<b>l.-beta.-Pinene</b> ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	≥0.1-≤1%

## 4 First-aid measures

- **Description of first aid measures**

- **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:** If symptoms persist consult doctor.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **Special hazards arising from the substance or mixture** No further relevant information available.

- **Advice for firefighters**

- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

(Contd. on page 4)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

(Contd. of page 3)

Ensure adequate ventilation.

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 Handling and storage

· **Handling:**

· **Precautions for safe handling** No special precautions are necessary if used correctly.

· **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Store in tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Keep receptacle tightly sealed.

· **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

### 57-55-6 PROPYLENE GLYCOL

WEEL	Long-term value: 10 mg/m <sup>3</sup>
------	---------------------------------------

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

· **Breathing equipment:**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.

(Contd. on page 5)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

(Contd. of page 4)

· **Protection of hands:**



*Protective gloves*

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*

*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*

· **Material of gloves**

*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*

· **Penetration time of glove material**

*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*

· **Eye protection:** *Goggles recommended during refilling.*

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:** *Fluid*

**Color:** *According to product specification*

· **Odor:** *Characteristic*

· **Odor threshold:** *Not determined.*

· **pH-value:** *Not determined.*

· **Change in condition**

**Melting point/Melting range:** *Undetermined.*

**Boiling point/Boiling range:** *Undetermined.*

· **Flash point:** *76 °C (168.8 °F)*

· **Flammability (solid, gaseous):** *Not applicable.*

· **Ignition temperature:**

**Decomposition temperature:** *Not determined.*

· **Auto igniting:** *Product is not selfigniting.*

(Contd. on page 6)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

(Contd. of page 5)

· <b>Danger of explosion:</b>	<i>Not determined.</i>
· <b>Explosion limits:</b>	
<b>Lower:</b>	<i>Not determined.</i>
<b>Upper:</b>	<i>Not determined.</i>
· <b>Vapor pressure at 20 °C (68 °F):</b>	23 hPa (17.3 mm Hg)
· <b>Density at 20 °C (68 °F):</b>	0.996 g/cm <sup>3</sup> (8.31162 lbs/gal)
· <b>Relative density</b>	<i>Not determined.</i>
· <b>Vapor density</b>	<i>Not determined.</i>
· <b>Evaporation rate</b>	<i>Not determined.</i>
· <b>Solubility in / Miscibility with Water:</b>	<i>Fully miscible.</i>
· <b>Partition coefficient (n-octanol/water):</b>	<i>Not determined.</i>
· <b>Viscosity:</b>	
<b>Dynamic:</b>	<i>Not determined.</i>
<b>Kinematic:</b>	<i>Not determined.</i>
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	2.5 %
<b>Water:</b>	90.9 %
<b>VOC content:</b>	2.52 %
	25.1 g/l / 0.21 lb/gl
<b>Solids content:</b>	0.7 %
· <b>Other information</b>	<i>No further relevant information available.</i>

## 10 Stability and reactivity

- **Reactivity** *No further relevant information available.*
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Possibility of hazardous reactions** *No dangerous reactions known.*
- **Conditions to avoid** *No further relevant information available.*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:** *No dangerous decomposition products known.*

US

(Contd. on page 7)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

(Contd. of page 6)

## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **Primary irritant effect:**

- *on the skin: No irritant effect.*

- *on the eye: No irritating effect.*

- **Sensitization:** Sensitization possible through skin contact.

- **Additional toxicological information:**

*The product shows the following dangers according to internally approved calculation methods for preparations:*

*Irritant*

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

140-11-4	BENZYL ACETATE		3
----------	----------------	--	---

- **NTP (National Toxicology Program)**

*None of the ingredients is listed.*

- **OSHA-Ca (Occupational Safety & Health Administration)**

*None of the ingredients is listed.*

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

*Water hazard class 2 (Self-assessment): hazardous for water*

*Do not allow product to reach ground water, water course or sewage system.*

*Danger to drinking water if even small quantities leak into the ground.*

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

US

(Contd. on page 8)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

(Contd. of page 7)

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

### 14 Transport information

- |  |  |
|--|--|
| · <b>UN-Number</b>   |  |
| · <b>DOT, ADN, IMDG, IATA</b>  | <i>not regulated</i>   |
| · <b>UN proper shipping name</b>   |  |
| · <b>DOT, ADN, IMDG, IATA</b>  | <i>not regulated</i>   |
| · <b>Transport hazard class(es)</b>  |  |
| · <b>DOT, ADN, IMDG, IATA</b>  |  |
| · <b>Class</b>   | <i>not regulated</i>   |
| · <b>Packing group</b>   |  |
| · <b>DOT, IMDG, IATA</b>   | <i>not regulated</i>   |
| · <b>Environmental hazards:</b>  |  |
| · <b>Marine pollutant:</b>   | <i>No</i>  |
| · <b>Special precautions for user</b>  | <i>Not applicable.</i>   |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | <i>Not applicable.</i>   |
| · <b>Transport/Additional information:</b>                                       |  |
| · <b>DOT</b>   |  |
| · <b>Quantity limitations</b>  | <i>On passenger aircraft/rail: -<br/>On cargo aircraft only: -</i> |
| · <b>UN "Model Regulation":</b>  | <i>not regulated</i>   |

US

(Contd. on page 9)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

(Contd. of page 8)

## 15 Regulatory information

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

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act) (Substances not listed):**

All ingredients are listed.

· **TSCA new (21st Century Act) (Substances not listed)**

8015-77-8	BOIS DE ROSE
-----------	--------------

8008-57-9	ORANGE OIL
-----------	------------

· **Proposition 65**

· **Chemicals known to cause cancer:**

38462-22-5	PARA MENTHA 8 THIOL 3 ONE
------------	---------------------------

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

140-11-4	BENZYL ACETATE	
----------	----------------	--

A4

80-56-8	ALPHA-PINENE	
---------	--------------	--

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 10)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

(Contd. of page 9)

· **Hazard pictograms**



GHS07

· **Signal word** Warning

· **Hazard-determining components of labeling:**

BOIS DE ROSE

ORANGE OIL

l-.beta.-Pinene

· **Hazard statements**

Combustible liquid.

May cause an allergic skin reaction.

· **Precautionary statements**

Keep away from flames and hot surfaces. – No smoking.

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing must not be allowed out of the workplace.

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

If on skin: Wash with plenty of water.

Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

H226 Flammable liquid and vapor.

H227 Combustible liquid.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

(Contd. on page 11)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 03/28/2018

Reviewed on 02/12/2018

**Trade name: PASSION FRUIT FLAVOR - TTB, PG FREE**

(Contd. of page 10)

- **Department issuing SDS:** Regulatory department
- **Date of preparation / last revision** 03/28/2018 / 2
- **Abbreviations and acronyms:**
  - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - DOT: US Department of Transportation
  - IATA: International Air Transport Association
  - ACGIH: American Conference of Governmental Industrial Hygienists
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - NFPA: National Fire Protection Association (USA)
  - HMIS: Hazardous Materials Identification System (USA)
  - VOC: Volatile Organic Compounds (USA, EU)
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - NIOSH: National Institute for Occupational Safety
  - OSHA: Occupational Safety & Health
  - TLV: Threshold Limit Value
  - PEL: Permissible Exposure Limit
  - REL: Recommended Exposure Limit
  - Flam. Liq. 3: Flammable liquids – Category 3
  - Flam. Liq. 4: Flammable liquids – Category 4
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2
  - Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
  - Skin Sens. 1: Skin sensitisation – Category 1
  - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
  - Asp. Tox. 1: Aspiration hazard – Category 1
- **\* Data compared to the previous version altered.**