

## SAFETY DATA SHEET

# BOYSENBERRY FLAVOR - TTB, NATURAL AALR

### Section 1 PRODUCT AND COMPANY IDENTIFICATION

**Supplier:** OliveNation LLC  
**Address:** 13 Robbie Road #A4, Avon, MA 02322  
**Phone:** 617-580-3667  
**Emergency:** Chemtrec / 800-424-9300

**Product:** BOYSENBERRY FLAVOR - TTB, NATURAL  
**Product Sku:** AALR

#### Recommended use of the product and restrictions on use:

Recommended use: Flavors. Industrial use  
Uses advised against: Do not ingest as such. Avoid eye and skin contact

### Section 2 HAZARDS IDENTIFICATION

#### OSHA Hazard Classification

**OSHA Regulatory Status** This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2A
Flammable liquids	Category 3

**Signal Word** Warning

**Hazard Statements** Causes serious eye irritation  
FLAMMABLE LIQUID AND VAPOR

#### Precautionary Statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling  
Keep away from heat/sparks/open flames/hot surfaces – No Smoking  
Keep container tightly closed  
Ground/bond container and receiving equipment  
Use explosion-proof electrical/ventilating/lighting/equipment  
Use only non-sparking tools  
Take precautionary measures against static discharge  
Wear protective gloves/protective clothing/eye protection/face protection



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**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
**If eye irritation persists:** Get medical advice/attention  
**IF ON SKIN (or hair):** Remove/take off immediately all contaminated clothing. Rinse skin with water/shower  
**In case of fire:** Use CO<sub>2</sub>, dry chemical or foam for extinction

**Precautionary Statements – Disposal** Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)** None known

**Other information** Not applicable

**Interactions with Other Chemicals** Not applicable

**Principle Routes of Exposure** No information available

## Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture. The ingredients in this mixture are considered to be proprietary and will be revealed here only at the discretion of OliveNation LLC. In the event of a genuine medical emergency, they will be revealed to a qualified health professional. In non-emergency situations, disclosure requests will be handled in accordance with the pertinent provisions of the OSHA Hazard Communication Standard.

## Section 4 FIRST AID MEASURES

**Eye Contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids

**Skin Contact** Wash skin with soap and water. In the case of skin irritation or allergic reactions, see a physician

**Inhalation** Remove to fresh air. If symptoms arise, call a physician

**Ingestion** Do not induce vomiting without medical advice. Clean mouth with water. Consult a physician if necessary.

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

**Notes to Physician** Treat symptomatically



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### Section 5 FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Water. Water spray. carbon dioxide (CO<sub>2</sub>) Dry powder. Foam

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire

**Specific Hazards Arising from the Chemical** Thermal decomposition can lead to release of irritating gases and vapors

**Protective Equipment and Precautions for Firefighters** Use personal protection equipment

### Section 6 ACCIDENTAL RELEASE MEASURES

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

**Personal Precautions** Use personal protective equipment. Avoid contact with the skin and eyes

**Environmental Precautions** Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas

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

**Methods for Clean-up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water.

### Section 7 HANDLING AND STORAGE

#### Precautions for safe handling

**Handling** Wear personal protective equipment. Ensure adequate ventilation

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

**Storage Conditions** Store at 55-85 Deg F / RH 30-70%

### Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTIONS

#### Control parameters

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

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### Appropriate engineering controls

**Engineering Controls** Ensure adequate ventilation, especially in confined areas  
**Individual protection measures, such as personal protective equipment**

<b>Eye/face Protection</b>	Tight sealing safety goggles
<b>Skin and body protection</b>	Wear protective gloves and protective clothing
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use

## Section 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	Colorless liquid
<b>Odor:</b>	Characteristic of boysenberry
<b>Odor Threshold:</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
<b>pH</b>	No data available	AOAC 945.10
<b>Melting Point/Range</b>	No data available	USP <741>
<b>Boiling Point/Range (°C)</b>	No data available	None known
<b>Flash Point:</b>	32 °C / 90 °F	ASTM D6450
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Vapor Pressure (mm Hg @ 20°C):</b>	No data available	None known
<b>Vapor Density</b>	No data available	None known
<b>Relative Density</b>	No data available	None known
<b>Specific Gravity @ 20/20° C.</b>	0.9828 +/- 0.02	AOAC 988.06
<b>Refractive Index @ 20° C:</b>	1.4210 +/- 0.02	AOAC 920.141
<b>Water Solubility</b>	Soluble	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known



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<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	ASTM D2196
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

### Section 10 STABILITY AND REACTIVITY

<b>Reactivity</b>	No dangerous reaction known under conditions of normal use. Keep away from oxidizing agents and strongly acid or alkaline materials
<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>Possibility of Hazardous Reactions</b>	None under normal processing
<b>Conditions to Avoid</b>	Heating in air
<b>Incompatible Materials</b>	No information available
<b>Hazardous Decomposition Products</b>	None known based on information supplied

### Section 11 TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known information
<b>Inhalation</b>	No data available
<b>Eye Contact</b>	Severely irritating to eyes
<b>Skin Contact</b>	No data available
<b>Ingestion</b>	No data available

#### Numerical measures of toxicity – Product Information

The following values are calculated based on chapter 3.1 of the GHS document

<b>LD50 Oral:</b>	>5000 mg/kg (rat)
<b>LD50 Dermal:</b>	No data available

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### Section 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	None known
<b>Persistence/Degradability</b>	No information available
<b>Bioaccumulation/Accumulation</b>	No information available
<b>Other adverse effects</b>	No information available

### Section 13 DISPOSAL CONSIDERATIONS

<b>Waste treatment methods</b>	
<b>Waste Disposal Method</b>	Can be incinerated, when in compliance with local regulations
<b><u>Contaminated Packaging</u></b>	Clean container with water. Empty containers should be taken for local recycling, recovery or waste disposal

### Section 14 TRANSPORT INFORMATION

#### DOT

<b>UN/ID No</b>	UN1197
<b>Proper shipping name</b>	Extracts, flavoring, liquid
<b>Hazard Class</b>	3
<b>Packing Group</b>	III

#### IMDG/IMO

<b>UN/ID No.</b>	1197
<b>Proper shipping name</b>	Extracts, flavoring, liquid
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>EmS No.</b>	F-E, S-D

#### IATA/CAO

<b>UN/ID No</b>	UN1197
<b>Proper shipping name</b>	Extracts, flavoring, liquid
<b>Hazard Class</b>	3
<b>Packing Group</b>	III

#### ADR/RID

<b>UN/ID No</b>	UN1197
<b>Proper shipping name</b>	Extracts, flavoring, liquid
<b>Hazard Class</b>	3
<b>Packing Group</b>	III
<b>Tunnel restriction code</b>	D/E
<b>Excepted Quantity</b>	E1

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**AALR**

Section 15 REGULATORY INFORMATION

**USA**

**Federal Regulations**

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**INTERNATIONAL REGULATIONS**

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

**WHMIS Hazard Class**            D2B    Toxic Materials

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