



---

## SAFETY DATA SHEET

---

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

---

**PRODUCT: ORANGE EMULSION**

**PRODUCT SKU: BAJ**

**SUPPLIER: OLIVENATION LLC**  
**13 ROBBIE ROAD, SUITE A4, AVON, MA 02322**  
**617-580-3667 / SUPPORT@OLIVENATION.COM**

**EMERGENCY: CHEMTREC**  
**US: 1-800-424-9300 / OUTSIDE US: 703-527-3887**

#### 1.2 Relevant identified uses of the substance and unadvised uses

Recommended Use                      Food and beverage flavoring  
Unadvised Uses                         Direct consumption as beverage; Cosmetic

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

#### 2.2 Label Elements

Not a hazardous substance or mixture.

### SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

#### 3.1 Chemical Characterization: Mixtures

##### Description

Mixture of the substances listed below with non-hazardous additions.

##### Dangerous Components

CAS Number	Name	Concentration
8008-57-9	Orange Oil	5%

Skin Irritation 2 H315; Harmful to Aquatic  
Life H402

## **SECTION 4: FIRST AID MEASURES**

### **4.1 Description of first aid measures**

#### After Eye contact

Rinse open eye thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### After Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

#### After Ingestion

Clean mouth with water and afterwards drink plenty of water.

#### After Inhalation

Move to fresh air. In case of unconsciousness, place patient stably in side position for transportation.

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

May cause minor skin and eye irritation.

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

Seek immediate medical attention if any of the above symptoms are present.

#### Note to physicians

Treat symptomatically

## **SECTION 5: FIRE-FIGHTING MEASURES**

### **5.1 Extinguishing media**

#### Suitable Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Carbon oxides

### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Wear protective equipment. Keep unprotected persons away.

### **6.2 Environmental precautions**

Dilute with plenty of water.

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

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

### **6.4 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.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

#### Precautions for Safe Handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

#### Information About Protection Against Explosions and Fire

Keep ignition sources away. Do not smoke.

Protect from heat.

Protect against electrostatic charges.

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

#### 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.

Protect from heat and direct sunlight.

#### Specific End Uses

As a flavoring agent. Not to be used as a cosmetic.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 Control parameters**

Components with Limit Values that Require Monitoring at the Workplace:

<b>Glycerol 56-81-5</b>			
TWA	Long-term value:	10.0000000 mg/m <sup>3</sup>	1000 ppm
PEL	Long-term value:	10 mg/m <sup>3</sup>	1000 ppm

## **8.2 Exposure controls**

### Engineering Controls

Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

#### **Eye Protection**

Tightly fitting safety goggles.

#### **Hand Protection**

Protective gloves with material impermeable and resistant to the product.

#### **Skin and Body Protection**

Long sleeved shirt, long pants, and closed toed shoes.

#### **Respiratory Protection**

When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

#### **General Hygiene Considerations**

Keep away from foodstuffs, beverages, and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and skin.

Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls**      No information available

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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

Physical state                      Liquid  
Odor                                      Orange

#### Property

pH	No Information available
Melting/freezing point	No Information available
Boiling point/boiling range	No information available
Flash point(closed cup)	160°C
Evaporation rate	No information available
Flammability(solid/gas)	No information available
Flammability limits in air	
Upper flammability limit	No information available
Lower flammability limit	No information available
Vapor pressure mm Hg 20°C	No information available
Vapor density	No information available
Relative density	No information available

Specific gravity @ 25°C	No information available
Specific gravity @20°C	No information available
Refractive index	No information available
Water solubility	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	No information available

## **9.2 Other information**

VOC Content(%)	0%
Molecular weight	No information available

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1 Reactivity**

The product is non-reactive.

### **10.2 Chemical Stability**

The product is stable under normal pressures and temperatures.

### **10.3 Possibility of Hazardous Reactions**

No known hazardous reactions.

### **10.4 Conditions to Avoid**

Heat, flames, and sparks

### **10.5 Incompatible Material**

No materials to be especially mentioned

### **10.5 Hazardous Decomposition Products**

None under normal use conditions

## **SECTION 11: TOXICOLOGY INFORMATION**

### **11.1 Information of toxicological effects**

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 1, 2005)

Acute toxicity	There is no data available for this product
Inhalation	There is no data available for this product
Eye contact	Irritating effect
Skin contact	Irritant to skin and mucous membranes
Ingestion	Symptoms include: Abdominal pain.

Acute toxicity	<p>Confusion, slurred speech.          Internal (stomach and intestinal) bleeding.          Slowed breathing.          Stupor (decreased level of alertness), even coma.          Unsteady walking.          Vomiting, sometimes bloody.          Chronic alcohol overuse can lead to multiple organ failure.          100%of the mixture consists of ingredient(s) of unknown toxicity</p>
----------------	---

**11.2 Inhalation**

Skin corrosion/irritation	No information available
Eye damage/irritation	No information available
Sensitization	No information available
Germ Cell Mutagenicity	No information available
Carcinogenicity	No information available

Specific target organ systemic toxicity(single exposure)	No information available
--	--------------------------

Specific target organ systemic toxicity(repeated exposure)	No information available
--	--------------------------

Target Organ Effects Respiratory system,	Blood, Central nervous system, Eyes, Liver, Reproductive system, Skin
---	--

Aspiration hazard	No information available
-------------------	--------------------------

**11.3 Carcinogen Reports**

IARC (International Agency for Research on Cancer): 64-17-5 Ethyl Alcohol  
 NTP (National Toxicology Program): No ingredients listed.  
 OSHA-Ca (Occupational Safety and health Administration): No ingredients listed.

<b>SECTION 12: ECOLOGICAL INFORMATION</b>
---

**12.1 Ecotoxicity:**

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

**12.2 Persistence and Degradability**

No information available

**12.3 Bioaccumulative Potential**

No information available

**12.4 Mobility in Soil**

No information available

### **12.5 Results of PBT and vPvB**

No information available

### **12.6 Other Adverse Effects**

No information available

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1 Waste Treatment Methods:**

**Waste from residues/ unused products:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Contaminated Packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal

**Recommended Cleansing Agent:** Water, if necessary with cleansing agents.

## **SECTION 14: TRANSPORT INFORMATION**

### DOT

Proper shipping Name	EXTRACT, FLAVORING, LIQUID
Class	3
UN/ID No	1197
Packing Group	III

### ICAO/IATA

UN/ID No	1197
Proper Shipping Name	EXTRACT, FLAVORING, LIQUID
Class	3
Packing Group	III
ERG Code	127

## **SECTION 15: OTHER REGULATORY INFORMATION**

### **Federal and State Regulations:**

Special Remarks on the Products with ingredients which are included in **California Prop 65**: The Requirement for Warning Labels only applies to products that are considered a beverage. All non-beverage products, which include Extracts for Flavoring Purposes **DO NOT NEED WARNING LABELS**. California Prop 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning statute: Ethyl Alcohol 190 Proof California prop 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Ethyl Alcohol 190 Proof California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute. Ethyl alcohol 190 proof Rhode Island RTK hazardous substances: Ethyl Alcohol 190 Proof Pennsylvania RTK: Ethyl Alcohol 190 Proof Florida: Ethyl Alcohol 190 Proof Massachusetts RTK Ethyl Alcohol 190 Proof New jersey: Ethyl Alcohol 190 Proof TSCA 8(b) inventory: Ethyl Alcohol 200 proof.

Other regulations: OSHA: Non-Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

WHMIS (Canada): Non-hazardous

DSCL (EEC):  
Non-hazardous

HMIS (USA):  
Health Hazard: 1  
Fire Hazard: 0  
Reactivity: 0  
Personal Protection: H

National Fire Protections Association (USA):  
Health: 0  
Flammability: 0  
Reactivity: 0  
Specific Hazard: None

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

## **SECTION 16: OTHER INFORMATION**

References: Not available

Other special Considerations: Not available

*Revision Note: Not applicable.*

*Warning/Disclaimer: The ingredient(s) has not been tested, nor has it been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes or other similar devices (collectively "E-cigarettes").*

*In supplying this ingredient, OliveNation LLC instructs and by receiving this ingredient recipient confirms, that this ingredient will not be used in connection with the manufacture and distribution of E-cigarettes or any component thereof.*

*The information in this SDS is believed to be accurate and represents the best information currently available to us. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for*



*such material used in combination with any other material or in any process, unless specified in the text. We make no warranty of merchantability or any other warranty expressed or implied, with respect to such information, we assume no liability resulting from its use. Users should make their own investigation to determine suitability of the information for their particular purposes. In no event shall OliveNation LLC be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages, howsoever arising, even if OliveNation LLC has been advised of the possibility of such damages.*