

# Banana Emulsion, Natural and Artificial

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Banana Emulsion, Natural and Artificial  
Product form : Mixture

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

Use of the substance/mixture : Food industry: component

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

OliveNation LLC  
50 Terminal Street  
Bldg. 2, Ste. 712  
Charlestown, MA 02129

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC: Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1 703 527 3887

### SECTION 2: Hazards identification

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

##### Classification (GHS-US)

Flammable 4  
Skin Sens. 1  
Serious Eye Irrit. 2B  
Respiratory Irrit. 3

#### 2.2. Label elements

##### GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

WARNING

Hazard statements (GHS-US) :

H227 Combustible liquid.  
H317 May cause an allergic skin reaction  
H320 Cause eye irritation.  
H335 May cause respiratory irritation

Precautionary statements (GHS-US) :

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P261 Avoid breathing dust/fume/gas/mist/vapor/spray  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P312 Call a doctor or poison center if you feel unwell.  
P302/352 If on skin wash with plenty of warm soapy water. Seek medical attention if irritation persists.  
P304/340 If inhaled remove person to fresh air and keep comfortable for breathing.  
P305/351/338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337/313 If eye irritation persists: Get medical advice/attention.

P333/313 If skin irritation or rash occurs: Get medical advice/attention.  
P362/364 Take off contaminated clothing and wash it before reuse.  
P370/378 In case of fire, use CO<sub>2</sub>, foam, or dry chemical to extinguish.  
P403/233 Store in a well-ventilated place. Keep container tightly closed.  
P405 Store locked up.  
P501 Dispose of contents and container in accordance with local/state/federal regulations.

## SECTION 3: Composition/information on ingredients :

### 3.1. Substance

Not applicable

### 3.2. Mixture

Natural and artificial flavor in water, propylene glycol and gum.

Flavor ingredients are considered proprietary information, will be disclosed to medical personnel if necessary.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Emergency first aid procedures	: Seek medical attention.
First-aid measures after inhalation	: Remove to fresh air, give oxygen if breathing is difficult. Consult physician if breathing becomes difficult.
First-aid measures after skin contact	: Remove contaminated clothing. Wash with soap and water. Seek medical attention if skin irritation develops or persists. Wash clothing and shoes before reuse.
First-aid measures after eye contact	: Flush eyes for at least 15 minutes. Remove contact lenses if present and can be easily done. Seek medical attention preferably with an ophthalmologist.
First-aid measures after ingestion	: If person is conscious, rinse mouth with water. Do not induce vomiting. Seek medical attention if large quantity consumed or stomach pain present.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : CO<sub>2</sub>, foam, or dry chemical.

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

Combustion products may include carbon dioxide, carbon monoxide, and fumes. Combustible liquid. Avoid heat, sparks, and open flames. Prevent fire-fighting water from entering surface water or ground water.

### 5.3. Advice for firefighters

Use self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## SECTION 6: Accidental release measures

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

See section 8 for PPE

### 6.2. Environmental precautions

Prevent from entering into surface water and groundwater.

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

Eliminate all sources of ignition. Ventilate area. Collect with inert absorbent. Place in suitable container for disposal per local, state, and federal regulations. Do not allow to go into sewage system, drinking water supply or ground.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid excessive heat, open flame, sources of ignition, oxidizing agents, and strong acids and bases. Use with adequate ventilation. Avoid breathing vapor. Wear necessary PPE.

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

Store in tightly sealed containers in a cool, dry, well-ventilated area. Keep container closed when not in use. Ground container to avoid static electric sparks. Store away from oxidizing agents.

## 7.3. Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Exposure limits

Avoid contact with eyes and skin.

Avoid breathing vapor.

### 8.2. Exposure controls

Skin protection	: Oil/chemical resistant gloves should be worn when working with material. Wash hands after handling material.
Respiratory protection	: Not normally needed in well ventilated areas; however, if necessary use an approved particle filter with respirator.
Eye protection	: Splash resistant safety glasses and face shield should be worn when working with material.
Respiratory protection	: Ventilation should be employed.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Color	: Off-white
Odor	: Banana aroma
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >200 °F
Auto-ignition temperature	: No data available.
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Vapor pressure at 20 °C	: No data available
Relative density	: No data available
Specific gravity/Density	: 1.00 – 1.02
Solubility	: Fully miscible in water
Organic solvents	: No data available
VOC content	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Solids content	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

Presents no significant reactivity hazard.

## 10.3. Possibility of hazardous reactions

## 10.4. Conditions to avoid

Sources of ignition, heat, oxidizing agents, strong acids and bases.

## 10.5. Incompatible materials

## 10.6. Hazardous decomposition products

Decomposition products may include aldehydes, alcohols, ethers, organic acids, phenol, carbon monoxide, and carbon dioxide

## 10.7. Hazardous polymerization products

Not likely to occur.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Oral	: No known significant effects or critical hazards.
Skin corrosion/irritation	: May cause skin irritation in already sensitized persons.
Serious eye damage/irritation	: Irritating to eyes.
Inhalation	: May be irritating.
Mutagenicity	: Not determined.
Phototoxicity	: Not determined.
Carcinogenicity	: No known significant effects or critical hazards.
Reproductive toxin	: Not determined.

## SECTION 12: Ecological information

Biodegradability : Not determined

Ecotoxicity : Not determined

## SECTION 13: Disposal considerations

Dispose of in applicable manner according to local, state, and federal regulations.

## SECTION 14: Transport information

Ship in accordance with local, state, and federal food grade transportation practices.

## SECTION 15: Regulatory information

All ingredients in this product are approved for use in a regulation of the FDA, or are considered GRAS on a reliable industry list

## SECTION 16: Other information

Other information : **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.