

Safety Data Sheet

Natural Orange Emulsion

Product Code: ORGEMUL

Effective Date: 11/01/02

Revision Date: 10/15/18

Revision #: 2 (Supersedes all previous versions)

Prepared By: Margaret Kobel, Chemist

Revised By: Margaret Kobel, Chemist

Approved By: Management

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

1.1 Product Identifier

PRODUCT NAME: NATURAL ORANGE EMULSION (ALL BRANDS & FOLDS)

SUPPLIER: OliveNation LLC

ADDRESS: 50 Terminal Street, Bldg. 2, Ste. 712, Charlestown, MA 02129

PHONE: 617-580-3667

1.2 Relevant identified uses of the substance and unadvised uses

Recommended Use Food and beverage flavoring

Unadvised Uses Direct consumption as beverage; Cosmetic

1.3 Details of the supplier of the safety data sheet

For further information, please contact

Email: support@olivenation.com

1.4 Emergency Telephone Number

Emergency Telephone: Chemtrec 1-800-424-9300 for US/ 703-527-3887 Outside US

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%

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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

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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:

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

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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.

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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

Acute toxicity

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 Blood, Central nervous system, Eyes, Liver, Reproductive system,
Respiratory 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.

SECTION 12: ECOLOGICAL INFORMATION

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

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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

Created: 01/03/2015

Last updated: 05/24/2018

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

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