

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

1.1 Product Identifier:

Trade Name Olive Oil Eco Silicone
INCI Name Hydrogenated Ethylhexyl Olivatate, Hydrogenated Olive Oil Unsaponifiables

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Product Use: Active ingredient in cosmetic and personal care applications

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier: Shay and Company
 10639 SE Fuller Rd
 Milwaukie OR 97222
Information Phone Number: +1-503-653-1155
E-mail orders@shayandcompany.com

1.4 Emergency Telephone Number:

Emergency Spill Information +1-503-653-1155
 +1 (800) 222-1222 (National Poison Control Center)

24-HOUR EMERGENCY TELEPHONE NUMBER
CHEMTREC +1 (800) 424-9300 or +1 (703) 527-3387

SDS Date of Revision: December 2, 2024

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The substance does not meet the criteria for a hazardous substance

Classification according to The Hazard Communication Standard (HCS) (29 CFR 1910.1200)

The substance does not meet the criteria for dangerous substances

2.2 Label Elements: Not applicable

Hazard Statement: Not applicable

Precautionary Statement: Not applicable

Other Hazards: None, provided on whether the substance meets the criteria for persistent, bio accumulative and toxic or very persistent and very bio accumulative in accordance with Annex XIII, whether the substance was included in the list established in accordance with Article 59(1) for having endocrine disrupting properties.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	EINECS#	REACH Registration No.	%
Hydrogenated Ethylhexyl Olivatate	22047-49-0	244-754-0	01-2119538152-XX-XXXX	>90%

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Hydrogenated Olive Oil Unsaponifiabiles	111-01-3	203-825-6	01-2120014832-XX-XXXX	<10%
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SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

Eye Contact: Flush with water. Seek medical advice if discomfort persists.

Skin Contact: Rinse with soap and water. Get medical advice if irritation develops.

Inhalation: Remove casualty to fresh air and keep warm and at rest.

Ingestion: Do not under any circumstances induce vomiting. Obtain Medical evaluation immediately.

4.2 Most Important symptoms and effects, both acute and delayed:

Not available

4.3 Indication of any immediate medical attention and special treatment needed:

Not available

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Media:

Water, carbon dioxide, foam extinguisher

5.2 Special Hazards Arising from the Substance or Mixture:

Unusual Fire and Explosion Hazards: Do not inhale explosion and combustion gases

Hazardous Decomposition Products: Burning produces heavy smoke

5.3 Advice for Fire-Fighters:

Special Fire Fighting Procedures:

Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.

6.2 Environmental Precautions:

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

6.3 Methods and Material for Containment and Cleaning Up:

Wash with plenty of water

6.4 Reference to Other Sections:

Refer to Section 8 for protective equipment and Section 13 for disposal considerations

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid contact with skin and eyes, inhalation of vapors and mists.

Do not eat or drink while working with the material.

See also section 8 for recommended protective equipment.

7.2 Conditions for Safe Storage, Including any Incompatibilities:

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Keep away from food, drink and feed.

Instructions as regards storage premises:

Keep ingredient in a tightly closed container, stored in a cool, dry, ventilated area.

7.3 Advice on general occupational hygiene:

(a) not to eat, drink and smoke in work areas;

(b) to wash hands after use; and

(c) to remove contaminated clothing and protective equipment before entering eating areas.

7.4 Specific End Use(s): Active ingredient in cosmetic and personal care applications

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	8.1.1 Occupational Exposure Limits:	8.1.2 Additional exposure limits under the conditions of use:	8.1.3 DNEL/DMEL and PNEC- Values:
Hydrogenated Ethylhexyl Olivat	No limits established	Not Available	Not Available
Hydrogenated Olive Oil Unsaponifiables	No limits established	Not Available	Not Available

8.2 Exposure Controls:

8.2.1 **Appropriate Engineering Controls:** Ensure adequate ventilation

8.2.2 **Individual protection measures, such as personal protective equipment:**

Eye/Face Protection: Chemical goggles with side splash protection recommended

Hand Protection: Protective gloves

Body Protection: Suitable protective clothing

Respiratory Protection: Not needed for normal use

Thermal Hazards: None required under normal conditions of use

Other: An eye wash facility should be available in the work area. Employees must practice good personal hygiene, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

8.2.3 **Environmental Exposure Controls:** None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties:

Appearance: Clear liquid	Vapor Pressure: Not applicable
Odor: Faint	Vapor Density: Not applicable
Odor Threshold: Faint	Specific Gravity: Not available
pH: Not applicable	Water Solubility: Practically in-soluble
Melting Point/Freezing Point: Not available	Partition coefficient: n-octanol/water: Not Available

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Boiling Point: N/A	Auto-ignition Temperature: Not available
Flash Point (COC): >100°C (212 °F) close cup	Decomposition Temperature: Not available
Evaporation Rate: Non- Volatile	Viscosity (cP): Not determined
Flammability (solid, gas): May be combustible at high temperature	Explosion Properties: None
Upper/Lower Flammability or Explosive Limits: Not applicable	Oxidizing Properties: None

9.2 Other Information:

None

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:**
Not reactive under normal conditions of use
- 10.2 Chemical Stability:**
Stable within normal conditions
- 10.3 Possibility of Hazardous Reactions:**
None known
- 10.4 Conditions to Avoid:**
Stable within normal conditions
- 10.5 Incompatible Materials:**
None known
- 10.6 Hazardous Decomposition Products:**
Carbon dioxide and the carbon monoxide may form when heated to decomposition

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:**
Acute Toxicity: LD50- Route: Oral > 20 ml/kg
Skin Corrosion/ Skin Irritation: HRIPT results indicate product is non-irritating. EpiOcular in vitro testing indicate 10% solution is non-irritating
Serious Eye Damage/Eye Irritation: No data available
Respiratory or Skin Sensitization: No data available
STOT-Single /STOT-repeated exposure: No data available
Carcinogenicity: No data available
Mutagenicity: No data available
Toxicity for Reproduction: No data available

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity:** Adopt good working practices, so that the product is not released into the environment
Acute (short-term) Toxicity: LD50 – Route: Oral > 20 ml/kg
Fish: N/A; Not tested

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Crustacea: N/A; Not tested
Algae/Aquatic Plants: N/A; Not tested
Other Organisms: N/A; Not tested
Chronic (long-term) Toxicity: N/A; Not tested
Fish: N/A; Not tested

12.2 Persistence and Degradability:

Hydrogenated Ethylhexyl Olivato: Readily Biodegradable OECD (2013) Test no. 301
Hydrogenated Olive Oil Unsaponifiables: Readily Biodegradable OECD (2013) Test no. 301

12.3 Bio Accumulative Potential:

Not determined

12.4 Mobility in Soil:

Not determined

12.5 Results of PBT and vPvB Assessment:

Not available

12.6 Endocrine Disrupting Properties for Environment Exposure:

None known

12.7 Other Adverse Effects:

None known

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose in accordance with local and federal environmental regulations. Do not release to the environment

SECTION 14: TRANSPORT INFORMATION

	US DOT	EU land transport (ADR/RID/ADN)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
14.1 UN Number	Not regulated	Not regulated	Not regulated	Not regulated
14.2 UN Proper Shipping Name	Not regulated	Not regulated	Not regulated	Not regulated
14.3 Transport Hazard Class(s)	Not applicable	Not applicable	Not applicable	Not applicable
14.4 Packing Group	Not applicable	Not applicable	Not applicable	Not applicable
14.5 Environmental Hazards	Not applicable	Not applicable	Not applicable	Not applicable
14.6 Special Precautions for user	Not applicable	Not applicable	Not applicable	Not applicable
14.7 Maritime transport in bulk according to IMO instruments	Not applicable	Not applicable	Not applicable	Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

China IECIC	Listed
EU EINECS/ELINCS/NLP:	Complies
US TSCA	Not Applicable

Germany: *Water Hazard Class (Wassergefährdungsklasse):* NWG; *Storage Class (LGK):* NH

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: OTHER INFORMATION

16.1 Indication of Changes

Version 7 created on March 11, 2020

Version 8 created on August 4, 2023

Version 9 created on July 13, 2024 – Logo Update

Version 10 created on December 2, 2024

16.2 Legal Disclaimer

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.