

SAFETY DATA SHEET

FISION® ECOSIL

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Fision® EcoSil

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

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

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

Note: The information contained within this document was prepared by technical personnel and is believed to be true and accurate to the best of our knowledge. However, no warranty, express or implied, is provided regarding merchantability, fitness for a particular purpose, performance, safety, suitability, stability, or other aspects of the product. This information is not comprehensive and does not cover all potential conditions of use, handling, storage, disposal, or other factors that may involve legal, environmental, safety, or performance considerations. Natural Bulk Supplies accepts no liability for the use of or reliance upon this information. Our technical personnel are available to address inquiries, but the customer bears ultimate responsibility for the safe handling and use of the product. No suggestions for use are made that would encourage the infringement of existing patents or the violation of any Federal, State, local, or foreign laws.

Ethylhexyl Olivat				
Hydrogenated Olive Oil Unsaponifiables	111-01-3	203-825-6	01-2120014832-XX-XXXX	<10%

4. FIRST AID MEASURES

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.

Most Important symptoms and effects, both acute and delayed:

Not available

Indication of any immediate medical attention and special treatment needed:

Not available

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water, carbon dioxide, foam extinguisher

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

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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

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

Environmental Precautions:

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

Methods and Material for Containment and Cleaning Up:

Wash with plenty of water

Reference to Other Sections:

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

7. HANDLING AND STORAGE

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.

Conditions for Safe Storage, Including any Incompatibilities:

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.

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.

Specific End Use(s):

Active ingredient in cosmetic and personal care applications

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Exposure Controls:

Appropriate Engineering Controls:

Ensure adequate ventilation

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.

Environmental Exposure Controls: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic Physical and Chemical Properties:

Appearance	Clear liquid
Odor	Faint
Odor Threshold	Faint
pH	Not applicable
Melting Point/Freezing Point	Not available
Boiling Point	N/A
Flash Point (COC)	>100°C (212°F), closed cup
Evaporation Rate	Non-Volatile
Flammability (solid, gas)	May be combustible at high temperature
Upper/Lower Flammability or Explosive Limits	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Specific Gravity	Not available
Water Solubility	Practically in-soluble
Partition Coefficient (n-octanol/water)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity (cP)	Not determined
Explosion Properties	None
Oxidizing Properties	None

Other Information: None

10. STABILITY AND REACTIVITY

Reactivity:

Not reactive under normal conditions of use

Chemical Stability:

Stable within normal conditions

Possibility of Hazardous Reactions:

None known

Conditions to Avoid:

Stable within normal conditions

Incompatible Materials:

None known

Hazardous Decomposition Products:

Carbon dioxide and the carbon monoxide may form when heated to decomposition

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

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

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

Persistence and Degradability:

Hydrogenated Ethylhexyl Olivat:

Readily Biodegradable OECD (2013) Test no. 301

Hydrogenated Olive Oil Unsaponifiables:

Readily Biodegradable OECD (2013) Test no. 301

Bio Accumulative Potential:

Not determined

Mobility in Soil:

Not determined

Results of PBT and vPvB Assessment:

Not available

Endocrine Disrupting Properties for Environment Exposure:

None known

Other Adverse Effects:

None known

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods:

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

14. TRANSPORT INFORMATION

	US DOT	EU land transport (ADR/RID/ADN)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
14.1	Not regulated	Not regulated	Not regulated	Not regulated

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UN Number				
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

15. REGULATORY INFORMATION

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

Chemical Safety Assessment:

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



16. OTHER INFORMATION

All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.

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