


MATERIAL SAFETY DATA SHEET			
Product:	Fatty Acid	Review	0
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1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY.

SUBSTANCE IDENTIFICATION:

Name of the substance: Fatty Acid

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Masol Iberia Biofuel, S.L.

Avenida de Roma, 5C, 2-2

43005 Tarragona

Tarragona - SPAIN

EMERGENCY TELEPHONE NUMBER:

Supplier Telephone number: +34 977 252 566.

Schedule: 08-17h

National Emergency Telephone Number: + 34 915 620 420

2. CHEMICAL NATURE

Form: Liquid.

Designation of the product: Olein, oil blend.

Description of the product: Free fatty acids obtained from the refining of crude oil, vegetable fat, and separation of glycerine.

Composition of the product: Composed of fatty acids of vegetable origin.

3. HAZARDS IDENTIFICATION

Not toxic by ingestion.

Not irritant in contact with the skin, mucous membranes or eyes.

Fuel product.

4. FIRS AID MEASURES.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention. Do not allow eating nothing to an unconscious person. May cause gastrointestinal irritation.

Inhalation: Take the person out of the contaminated area and to a cool place. Seek medical attention.

Eye contact: Rinse eyes with plenty of water for 15 minutes. Do not allow the person to rub is the eyes. If the victim carries contact lenses, remove them. If irritation persists seek medical attention.

5. FIREFIGHTING MEASURES.

Features: Decomposes to burn producing CO₂ and water.

Appropriate extinguishing media: Dry chemical powder, alcohol resistant foam, CO₂, water spray (fog).

6. ACCIDENTAL RELEASE MEASURES.

Precautions for the protection of the environment: avoid uncontrolled leakage. Do not allow product to come into the sewer system.

Cleaning methods: Pick Up with an absorbent product (for example sand, sawdust, orujillo) or suction pump. Incinerated the remains of the collection if local law allows.

7. HANDLING AND STORAGE.

Handling: Ventilated places, by possibility of presence of gases.

Storage: In dry places to not degrade the quality of the product.

Transportation: Bulk in vats of liquid.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION.

- Control parameters: Encourage adequate ventilation.
- Respiratory protection: No relevant.

- Protective clothing: Long sleeve work clothes
- Eye protection: Safety glasses, goggles, or face shield recommended to protect eyes from mists or splashing.
- Skin protection: PVC coated gloves recommended to prevent skin contact.
- Other protective measures: Washing clothes impregnated. Wash your hands with soap and water after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES.

- physical state: liquid
- Appearance: dark
- Odour: fatty
- pH: 5.0-6.5
- Melting point: 23°C.
- Flash Point: > 65°C
- Relative Density: 0,92 g/cm³
- Vapour pressure: Not existent
- auto ignition temperature: not stated
- Explosion limits: not stated
- Viscosity: 25 ° (Engler)
- Water Solubility: immiscible, emulsifiable concentrate
- Humidity:< 2 (%)
- Volatile:< 4 (%)
- Free acidity: 30-45 (%)

10. ESTABILITY AND REACTIVITY.

Stability: Product stable at ambient temperature.

Reactivity: non-reactive to ambient temperature.

Decomposition Products: volatile fatty acids and short chain, CO₂, water and other volatile organic.

11. TOXICOLOGICAL INFORMATION

Non-toxic product. See points 3 and 4 on identification of risks and first aid.

12. ECOLOGICAL INFORMATION.

Insoluble organic substance.

Accidental discharges into surface waters can cause damage to aquatic life in the rivers by transitory rise of the COD and BOD.

Discharge to the sewer can cause problems in water purification systems.

13. DISPOSAL CONSIDERATIONS.

From the environmental point of view the product can be removed safely, to be possible by incineration.

Its elimination is not subject to any European legislation.

14. TRANSPORT INFORMATION.

Avoid spills.

In bulk in vats of liquids for food use.

Without special conditions.

15. REGULATORY INFORMATION.

Symbols not applicable.

16. OTHER INFORMATION

This information relates only to the specifically designated product and not has to be valid for use in combination with other products, or other materials in other processes. This information is based on knowledge of the company and is accurate and reliable. It offers with the best intention and refers only to the product specifically designated and does not have to be valid for their use combined with other products, other materials or in other processes.

However, no warranty or representation, express or implied, for reliability out of the conditions and the company assumes no responsibility for loss, damage or expense directly or indirectly.

It is your responsibility to use this information for their particular use.