



HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPE	B

Fil-Ester 618 Coconut Methyl Ester

1. Chemical Product Identification

• **Product Description:**

Coconut Methyl Ester

• **Chemical Name:**

Coconut Fatty Acid Methyl Ester

• **Synonyms:**

Coconut Fatty Acid Methyl Ester

2. Composition/Information on Ingredients

• **General Composition:**

	CAS #	%
Coconut Methyl Ester	61788-59-8	100

3. Hazards Identification

• **Most important hazards:**

Avoid breathing vapours or mists. May cause dizziness and drowsiness. May cause irritation.

4. First Aid Measures

• **General:**

In case of doubt, or if symptoms persist consult a physician.

• **Contact with the skin:**

Wash thoroughly with water and soap.

• **Contact with the eyes:**

Irrigate eyes with a heavy stream of water for at least 15-20 minutes

• **Swallowing:**

Consult a physician immediately.

• **Inhalation:**

Remove from area of exposure; seek medical attention if symptoms persist.

5. Fire Fighting Measures

• **Flash Point:**

90 °C (ASTM 93)

• **Extinguishing Media:**

CO₂, dry chemical, foam water spray (fog) and halon. Water stream may splash the burning liquid and spread fire

• **Hazardous Combustion Product:**

Combustion may produce CO and CO₂

• **Unusual Fire and Explosion:**

Oil soaked can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry in well-ventilated area. Fire fighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

6. Accidental Release Measures

• **Personal Precautions:**

Appropriate protective equipment must be worn when handling a spill.

• **If material is released or spilled:**

Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "oil-dry", sand or dirt. Recover large spills for salvage or disposal. Wash oiled surfaces with detergent to remove remaining oil film. Greasy nature will result in slippery surface.

7. Handling and Storage

• **Storage:**

Keep container closed when not in use. Avoid container damaged while handling and storage. Store at ambient conditions away from moisture attack, direct sunlight and source of heat or ignition.

• **Handling:**

Wash thoroughly after handling.

8. Exposure controls/ Personal Protection

• **Respiratory Protection:**

None required under normal conditions of use. NIOSH/MSHA approved respirator if necessary.

• **Protective Clothing:**

Safety glasses with side shields. PVC coated gloves recommended to prevent skin contact.

• **Engineering Control:**

Good ventilation in addition to local exhaust ventilation should be provided.

9. Physical and Chemical Properties

Appearance	Clear yellow liquid
State	Liquid
Odor	Characteristic odor
pH	Not determined
Vapor pressure	<5 mmHg
Boiling Point	> 150°C
Melting Point	< - 8°C
Specific Gravity	0.87
Solubility in water	Insoluble in water
Evaporation rate, butyl acetate = 1	< 1
Kinematic Viscosity @ 40°C	2.66 mm ² /sec
Flash Point	107°C

10. Stability and Reactivity

• **General:**

This product is chemically stable and hazardous polymerisation will not occur.

• **Conditions to avoid:**

Avoid contact with heat, sparks, flame and all other ignition sources.

• **Material to avoid:**

Strong acids, bases and oxidizing agents.

11. Toxicological Information

No information available.

12. Ecological Information

No information available.

13. Disposal Considerations

All recovered material should be packed, labelled, transported and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with Good Engineering Practices.

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14. Transportation Information

- **DOT Shipping Name:**

Fatty acid ester

- **DOT Hazard Class:**

Not Regulated

- **Packing group:**

Not regulated

- **DOT ID No:**

Not applicable

15. Regulatory Compliance

- **OSHA Status:**

This product is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard. However, thermal processing and decomposition fumes from this product may be hazardous.

- **RCRA Status:**

If discarded in its purchased form, this product would not be hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as hazardous waste.

16. Other Information

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our product from the point of view of health and safety requirements. It should not therefore be construed as guaranteeing specific properties.

DISCLAIMER

"It is in good faith that we offer suggestions on the use of our products and these are based on knowledge we believe are correct and dependable. However, these suggestions are with no guarantee as process and conditions in the use of our products may vary and are beyond our control. We strongly recommend that users of our products verify the appropriateness of our suggestions before using them on a commercial scale".

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