



HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPE	B

## Fil-Ester 810 Methyl Octanoate/Decanoate

### 1. Chemical Product Identification

- **Product Description:**  
Methyl Octanoate/Decanoate
- **Chemical Name:**  
Methyl Octanoate/Decanoate
- **Synonyms:**  
Caprylic/Capric Methyl Ester

### 2. Composition/Information on Ingredients

	CAS #	%
Methyl Octanoate/ Decanoate	67762-39-4	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:**  
CO<sub>2</sub>, 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 CO<sub>2</sub>

### • 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 colorless liquid
State	Liquid
Odor	Characteristic odor
pH	Not determined
Vapor pressure	<2 mmHg
Boiling Point	> 120°C
Melting Point	< - 20°C
Specific Gravity	0.88
Solubility in water	Insoluble in water
Evaporation rate, butyl acetate = 1	< 1
Kinematic Viscosity @ 40°C	1.85 mm <sup>2</sup> /sec
Flash Point	90°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.

# Fil-Ester 810 Methyl Octanoate/Decanoate

## 14. Transportation Information

• **US DOT:**  
Esters, n.o.s. (Methyl Octanoate), 3  
UN3272, III

• **Land Transport (ADR/RID):**

Class/Item No. Letter 3/III  
Hazard ID No 30  
Substance ID No. 3272  
Proper shipping name Esters, n.o.s.  
(Methyl Octanoate)

• **Sea Transport (IMDG):**

Class/Packing group 3/III  
UN No 3272  
EmS 3-07  
MFAG H  
Marine Pollutant No  
Substance ID No. 3272  
Proper shipping name Esters, n.o.s.  
(Methyl Octanoate)

• **Air Transport (IATA):**

Class/Packing group 3/III  
UN No 3272  
Proper shipping name Esters, n.o.s.  
(Methyl Octanoate)

## 15. Regulatory Compliance

Fatty acids C810, Methyl Esters:  
TSCA (US), EINICS (EU), NDSL  
(Canada), ENCS (Japan)

WGK water endangering class: 1 –low  
hazard to waters

## 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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ISO 9001:2000  
ISO 14001:2004  
OHSAS 18001:1999  
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