

Fil-Ester 810 C₈-C₁₀ Methyl Ester

CAS#67762-39-4

DESCRIPTION

Chemrez Fil-Ester 810 is a mixture of Methyl Octanoate and Methyl Decanoate having carbon lengths from C₆C₁₂ where the C₈ & C₁₀ are the dominant carbon chains. It is a clear liquid under ambient condition with a musty odor. Chemrez Fil-Ester 810 is entirely manufactured from naturally occurring vegetable oils.

APPLICATION

End-use applications for Fil-Ester 810 include soapmaking, chlorinated lubricants, PEG esters, cutting oils, aviation lubricants, amides, defoamers, gear oils, ink solvents, isoprophyl esters, methyl ester sulfonates (MES), rolling oils, sulphurized lubricants, metal working fluids, low-VOC solvents, solvents for paint removal, production of plasticizers, stabilizers, resins, perfumery & flavorings.

FEATURES AND BENEFITS

- Entirely derived from naturally occurring vegetable oil with no preservatives or additives added
- Superior stability that prevents rancidity during long storage
- It is naturally biodegradable & non-irritant making it safe during handling & storage
- Free of allergens and non-GMO for wider acceptance of use

PACKAGING

It can be purchased in bulk & 200L drum. Special packing can be arranged.

USAGE

This product attack, swell, and soften many different types of rubber and plastics such as gaskets and hoses. Concrete is slowly swollen and deteriorated by contact; avoid recurring drips or leaks. Clean up spills promptly with ordinary detergents.

RECOMMENDED STORAGE

This product will remain stable for 12 months from date of production provided that it is stored at ambient conditions away from moisture inlet. For stored products beyond 1 year, consult Chemrez Technologies Inc. for recommendation of use.

MATERIAL SAFETY HANDLING INFORMATION

Fil-Ester 810 although is not harmful, contact with skin and eyes should be avoided and necessary personal protective equipment and clothing should be worn, such as chemical gloves, gas mask, eye goggles and apron. Keep away from heat and any source of ignition.

“Chemrez has Material Safety Data Sheets (MSDS) for each products. The MSDS contain relevant information needed to safeguard your employees from any known safety and health hazard related with our products. Chemrez provides you MSDS for all the products you evaluate or buy. It is also necessary that you get copies of the MSDS of the other raw materials recommended in our technical bulletins from the suppliers. Your employees should have ready access to and to be trained well on the proper use of MSDS.”

TECHNICAL SPECIFICATIONS

These are typical properties and should not be taken as specifications.

Properties	Method	Standard
Appearance	Visual	Clear colorless liquid
Color APHA	AOCS Td 1b-64	30 max
Acid Value, mgKOH/gm	AOCS Cd 3d-63	0.50 max
Saponification Value, mgKOH/gm	AOCS Cd 3-25	325 - 345
Specific Gravity @ 25 C	ASTM D1298	0.87
Iodine Value, g I ₂ /100g	AOCS Cd 1b-87	0.50 max
% Moisture (KF)	KF Method	0.10 max
Carbon Chain Distribution	AOCS Ce 2-66	
C6		1 max
C8		50 - 65
C10		30 -45
C12		2 max

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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