

Fil-Ester 618/618K Coconut Methyl Ester

CAS#61788-59-8
EINICS#262-988-1

DESCRIPTION

Chemrez Coconut Methyl Esters are mixture of fatty acids having carbon chain lengths from C8 to C18 entirely derived from refined, bleached & deodorized coconut oil. It is offered in two (2) variants as Fil-Ester 618 and Fil-Ester 618K. It is a clear yellow liquid under ambient condition.

APPLICATION

End-use applications of Coconut Methyl Ester include soapmaking & intermediates for amides, betaines, amphoterics, PEG Esters and methyl ester sulphonates. It can also be used as low-VOC solvent.

FEATURES AND BENEFITS

- Entirely derived from naturally occurring highly refined 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 attacks, swells, and softens 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

Coconut Methyl Ester 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 product. 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	Fil-Ester 618	Fil-Ester 618K
Appearance	Visual	Clear yellow liquid	Clear yellow liquid
Color APHA	AOCS Td 1b-64	120 max	50 max
Acid Value, mgKOH/gm	AOCS Cd 3d-63	1.00 max	0.2
Phosphoric Acid Test	In-House	-	3 max
Saponification Value, mgKOH/gm	AOCS Cd 3-25	245-265	245-265
Iodine Value, g I ₂ /100g	AOCS Cd 1b-87	6-12	6-12
% Moisture (KF)	KF Method	0.20 max	0.10 max
Carbon Chain Distribution	AOCS Ce 2-66		
C6		0.20 - 1.00	
C8		5.00 - 10.00	
C10		5.00 - 8.00	
C12		45.00 - 55.00	
C14		14.00 - 22.00	
C16		7.00 - 10.00	
C18		1.00 - 4.00	
C18:1		3.00 - 9.00	
C18:2		0.05 - 3.00	
C18:3		0.00 - 1.00	

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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