



**COSMETIC
SUPPLIES
USA, INC.**



UNDECYLENIC ACID

When Ricinoleic acid, an unsaturated fatty acid containing one - OH group, derived from Castor Oil, is pyrolyzed by heating in the absence of air, it breaks down to give Undecylenic acid and n-heptaldehyde. Its anti-fungal properties are useful in cosmetics and pharmaceuticals. Undecylenic acid and its aldehyde are used to formulate perfumes. Undecylenic acid and its zinc salt are used for the treatment and prevention of superficial fungus infections of the skin, primarily tinea pedis as well as relieves itching, burning and irritation.

ANALYSIS	SPECIFICATIONS	RESULTS
Appearance	Clear to pale yellow liquid	Passes
Purity	Min. 97.0%	9.12%
Acid Value	300 - 305	302.2
Iodine Value	20 max	2
Melting Point (Degree C)	22-25C	Passes
Specific Gravity	0.912	
Vapor Density	6.36	
Flash Point	146 C	
	1.447-1.449	1.447

The above data is provided for the convenience of the user and does not relieve the user of normal liability for inspection of material upon delivery or prior to actual use. Statements concerning the possible use of our product are not intended as a recommendation to use our product in the infringement of any patent.

8810 Commodity Cir # 20 • Orlando, FL 32819-9066 • 877-926-7872 phone • 877-926-8742 fax