



Product Data Sheet

Revision Date: 10/04

CENTURY® MO-5 SPECIAL FATTY ACIDS PRODUCT

CENTURY® MO-5 is a special fatty acids product that contains both saturated and unsaturated C-18 fatty acids. Branched chain iso-oleic acids constitute the main portion, with virtually no polyunsaturated fatty acids. **CENTURY® MO-5** finds applications in paste soaps and detergents; and also in esters for various lubricant applications as metalworking and textile lubricants.

PROPERTIES	TYPICAL	SPECIFICATIONS
Appearance at 25°C	Light colored semi-solid	
Acid Number	177	166 Minimum
Saponification Number	185	
Unsaponifiables, %	7.0	
Iodine Number	72	
Titer, °C	35	
Gardner Color, Molten	4	5 Maximum
Viscosity, SSU @ 38°C (100° F)	164	150-200
Specific Gravity, 25°C/25°C	0.895	
Flash Point, °C	180 (356°F)	

TYPICAL COMPOSITION (BY GAS CHROMATOGRAPHY), %

Iso-oleic Acids	46
Oleic Acid	37
Palmitic Acid	1
Stearic Acid	16
Total Throughput, % (Normalized)	100

Shipping Data:	<ul style="list-style-type: none"> ▪ CENTURY® MO-5 is available in lined or aluminum tank cars, stainless steel tank trucks, and 55-gallon lined open-head steel drums. (400 lbs. net)
DOT Shipping Classification:	<ul style="list-style-type: none"> ▪ Non-hazardous.



Technical Service: Savannah, GA (912) 238-6556
Sales Service: Jacksonville, FL - (800) 733-1374

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