



# Product Data Sheet

Revision Date: 5/05

## CENTURY® D1 SPECIAL FATTY ACIDS PRODUCT

**CENTURY® D1** 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® D1** 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	Semi-solid	
Acid Number	177	170 -185
Saponification Number	185	
Unsaponifiables, %	7.0	
Iodine Number	75	
Moisture, %	<0.1	0.3 Maximum
Titer, °C	35	
Gardner Color	4	6 Maximum
Viscosity, centistokes @ 40°C	35	
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

<b>Shipping Data:</b>	<ul style="list-style-type: none"> <li>▪ <b>CENTURY® D1</b> is available in lined tank cars, stainless steel tank trucks, and 55-gallon lined open-head steel drums. (400 lbs. net)</li> </ul>
<b>DOT Shipping Classification:</b>	<ul style="list-style-type: none"> <li>▪ Non-hazardous.</li> </ul>



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

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