



**CAPRIC ACID**  
**( n - DECANOIC ACID )**  
**CAS NO. 334-48-5**

**I. GENERAL**

Capric Acid is a saturated linear fatty acid ( $C_{10}H_{20}O_2$ ) of low molecular weight produced by the fractional distillation of coconut or palm kernel oils.

**II. TYPICAL PROPERTIES**

		<u>Test Method:</u>
Color, Lovibond 5¼"	1.0 yellow / 0.3 red	AOCS Cc13b-45
Acid Value (mg. KOH/gm)	324	AOCS Td 1a-64
Saponification Value	325	AOCS Tl 1a-64
Titer, °C	31	AOCS Tr 1a-64
Iodine Value	0.2 - 0.3	AOCS Tg 1a-64
Composition %		AOCS Ce 1-62
Caprylic C <sub>8</sub>	0.5 - 1.0	
Capric C <sub>10</sub>	98.0 - 99.5	
Lauric C <sub>12</sub>	0.5 - 1.0	
Specific Gravity @ 20/20° C	0.853	AOCS To 1a-64

**III. SPECIFICATIONS**

Color, Lovibond 5¼", max.	3.0 yellow / 0.5 red	AOCS Cc13b-45
Acid Value (mg. KOH/gm)	322 - 328	AOCS Td 1a-64
Saponification Value	323 - 329	AOCS Tl 1a-64
Titer, °C	30 - 32	AOCS Tr 1a-64
Iodine Value (Wijs), max	0.5	AOCS Tg 1a-64
Unsaponifiabiles, %, max.	0.2	AOCS Tk 1A-64
Moisture, KF % max.	0.2	AOCS Tb 2-64

**IV. APPLICATION**

May be used in the manufacture of esters, resins, acid chlorides, amides, metallic soaps, or wherever linear monocarboxylic acid reactions are required.

**V. PACKAGING AND STORAGE**

Available in 55 US Gal. epoxy lined open head steel drums, net weight 400 lbs., or in stainless steel or coated liquid bulk tank containers of approximately 44,000 lbs. net. Tank containers are insulated and equipped with coils for steaming.

May be stored in epoxy or other fatty acid resistant lined drums at ordinary temperatures. Pumps, valves, and storage tanks should be of stainless steel or aluminum.