

**Description:** This product is very similar to EMERY® 410 STEARIC ACID but has lighter color, lower iodine value and a slightly higher Stearic: Palmitic ratio (64:28) to EMERY® 420 STEARIC ACID and is used in metallic soaps and stearates, as well as in preparation of textile specialties requiring good sulfuric acid heat stability during manufacturing.

### Specifications

	Minimum	Maximum	Typical
Appearance, 70°C	Pass		
Acid Value, mg KOH/g	200.0	207.0	204
Color, % Trans., 440 nm.	85	-	93.5
Color, % Trans., 550 nm.	98	-	99.6
Saponification Value	201	208	206
Iodine Value	-	1.0	0.36
Moisture, %	-	0.20	0.03
Titer, °C	57.2	63.0	59.7
Unsaponifiable, %	-	1.0	"Certified"

### Typical Composition

Myristic Acid (C14), %	2.8
Palmitic Acid (C16), %	27.9
Margaric Acid (C17), %	1.7
Stearic Acid (C18), %	64.3
Arachidic Acid (C20), %	1.1

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## Analytical Methods

	Emery Method	Reference Method
Acid Value	600.01	AOCS Te 1a-64
Color, Spectrophotometric	606.09	-
Iodine Value	618.01	AOCS Tg 1a-64
Moisture	620.04	-
Saponification Value	601.02	AOCS TI 1a-64
Titer	622.23	AOCS Tr 1a-64
Unsaponifiable	613.01	AOCS Tk 1a-64
Fatty acid composition	609.56	-

**Certification** Available upon request

## Health and Safety

**Information** Please review our Safety Data Sheet for best practices when using this material.

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