

**Description** EMERY® 400 STEARIC ACID is utilized in applications where odor, color and color stability are not of primary importance. EMERY® 400 STEARIC ACID provides uniform quality and dependable performance at low cost. Its principal use is the manufacture of rubber, buffing compounds and greases.

**Specifications**

	Minimum	Maximum	Typical
Acid Value, mg KOH/g	193.0	212.0	205.3
Appearance, 60°C	Pass		Pass
Color, % Trans., 440 nm.	35	-	74
Color, % Trans., 550 nm.	40	-	96
Iodine Value	-	10.0	4.2
Moisture, %	-	0.30	0.10
Titer, °C	52.0	65.0	55.7
Unsaponifiable, %	-	2.0	"Certified"

**Typical Composition**

Myristic Acid (C14), %	3.0
Palmitic Acid (C16), %	33.0
Stearic Acid (C18), %	55.0
Oleic Acid (C18-1), %	3.0

## 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
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	609.06	AOCS Ce 1-62
Moisture	620.04	-

**Certification** Available upon request

## Health and Safety

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

**DISTRIBUTED BY: R.E. CARROLL, INC. 1570 NORTH OLDEN AVENUE EXT. EWING, N.J. 08638-3204 USA**  
**T: 609-695-6211/800-257-9365 F: 609-695-0102 Orders@RECarroll.com**

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Updated: 05-10-19

Emery Oleochemicals LLC  
T: +1 513 762 2500  
E: [ob.americas@emeryoleo.com](mailto:ob.americas@emeryoleo.com)

Emery Oleochemicals GmbH  
T: +49 211 5611 2000  
E: [ob.europe@emeryoleo.com](mailto:ob.europe@emeryoleo.com)

Emery Oleochemicals (M) Sdn Bhd  
T: +603 3326 8686  
E: [ob.asia@emeryoleo.com](mailto:ob.asia@emeryoleo.com)

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