

Stearic Acid

INCI Name: Stearic Acid

CAS Numbers: 57-11-4

Description:

Stearic acid is one of the most common long-chain fatty acids, found in combined form in vegetable fats. In nature stearic acid occurs primarily as a mixed triglyceride, or fat, with other long-chain acids and as an ester of a fatty alcohol.



Technical Data:

Test/Property	Specification
Iodine Value	0.00 TO 4.00
Acid Value	205 TO 213
Saponification Value	207 TO 211
Titer, Deg. C	54.00 TO 57.00
Appearance @ 25dgr	WHITE BEAD OR FLAKE
C 14	0.00 TO 3.00
C 16	52.00 TO 58.00
C 18	42.00 TO 47.00
C 20	0.00 TO 1.00
Color Lovibond Red	0.3 MAX
Color Lovibond Yellow	1 MAX

Applications:

Stearic acid is mainly used in the production of detergents, soaps, and cosmetics such as shampoos and shaving cream products. Esters of stearic acid are used to produce a pearly effect in shampoos, soaps, and other cosmetic products. Also used in lubricants, candle making, and pharmaceuticals.



McKinley Resources, Inc.

P.O. Box 810472 • Dallas, TX 75381

Phone: 972-620-9730 • Fax: 972-421-1860

info@mckinleyresources.com • www.mckinleyresources.com