



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418695

Fax: (0086) 551 65418697

Email: info@tnjchem.com

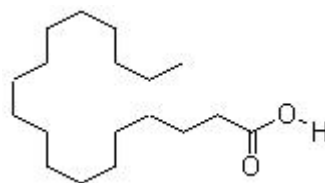
Site: www.tnjchem.com

Technical Data Sheet

Stearic acid

Product Information

Chemical Name	Stearic acid
CAS #	57-11-4
Formula	C ₁₈ H ₃₆ O ₂
Molecular Weight	284.48
Synonyms	Stearic acid;Octadecanoic acid, Triple Pressed Stearic Acid
Chemical Structure	



Description

white or yellowish crystalline powder; will become transparent liquid after melting.

Physical Properties

Melting point, °C .	70– 71
Boiling range, °C	383
Density @ 20°C, g/cm ³	0.87
Flash point, °C	196

Specification

Index name	1840 type	1810 type
Iodine value g/100g ≤	2.0	8.0
Saponification value mg/g	206–211	193–220
Acid value mg/g	205-210	192-218
Color (Hazen) ≤	200	400
Freezing point °C	54–57	>52
Moisture% ≤	0.2	0.3
Inorganic acid% ≤	0.001	0.001

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

Used in cosmetic, rubber, metal salt, dyeing, precision casting and many other industries

Meanwhile, it also can be use in pharmaceutical field, its hydrophobic properties can effectively prevent the tablets from moisture.

Packaging

25kg/bag, 16.5mt per 20GP container or as request.

Storage & Handling

Keep in cool and dry place.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 65418695
Fax: (0086) 551 65418697
Email: info@tnjchem.com
Site: www.tnjchem.com