

Product Information

12-Hydroxystearic Acid

Product Description:

12-Hydroxystearic acid is a creamish-colored flake composed of a mixed fatty acid obtained from the hydrolysis of hydrogenated castor oil. It is a brittle and waxy solid at ambient temperatures that is non-toxic and non-hazardous. It is insoluble in water.

Applications:

12-Hydroxystearic acid is used in the production of lithium and lithium complex greases. It is also used in plastics lubrication, cosmetics and coatings.

Chemical Formula:

$C_{18}H_{36}O_3$

CAS No. :

106-14-9

Specifications:

Parameters (units)	Specifications
Appearance	Creamish colored flakes
Gardner color	≤ 6
Acid value (mg KOH/g)	175 - 185
Melting point (°C)	72 - 76
Iodine value (mg I ₂ /g)	≤ 3
Hydroxyl value (mg KOH/g)	≥ 153
Saponification value (mg KOH/g)	184 - 192
Moisture, when packed (%)	≤ 1

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bisleyinternational.com

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Packaging:

Material is available in 25 kg bags and 500 kg jumbo bags on pallets. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place away from direct sunlight and heat in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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