



TECHNICAL DATA SHEET

Product Name	12-Hydroxy Stearic Acid
Acronym	12-HSA
CAS No.	106-14-9
Synonyms	12-Hydroxystearic Acid
Chemical Formula	$C_{18}H_{36}O_3$
Molecular Weight	300.48
Description	12-HSA is the mixed fatty acid obtained from hydrolysis of hydrogenated Castor oil. It is high melting, brittle, waxy solid at room temperature. It should be stored away from heat to avoid deterioration.
Application Areas	Lithium and Calcium based Greases Cosmetics Personal Care Products Polishes Inks Adhesives Plasticizers Activator and Internal Lubricant for Natural and Synthetic Rubber
Packaging	
Pallet Size	55 lb / 25 kg polylined bags 1100 lb / 500 kg per standard size pallet
Bulk	FCL of 11 MT palletized and shrink wrap



Avalon Chemicals, Inc.

SPECIFICATION SHEET

Product : **Avalub 12-HSA**
12-Hydroxy Stearic Acid

CAS No. : 106-14-9

Parameters	Specification
Appearance	Off white flakes
Acid Value	175 min
Saponification Value	180 min
Iodine Value	5 max
Color	5 G max
Hydroxyl Value	155 min
Melting Point	72 °C min
Titer	72 – 74 °C