

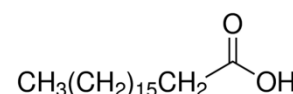


Product Specification

cdhfinechemical.com

STEARIC ACID FOR SYNTHESIS

PRODUCT CODE	030267
SYNONYMS	(n-Octadecanoic acid)
C.I. NO.	--
CASR NO.	(57-11-4)
ATOMIC OR MOLECULAR FORMULA	$C_{18}H_{36}O_2$
ATOMIC OR MOLECULAR WEIGHT	284.49
PROPERTIES	Odour and taste slight suggesting tallow. Combustible.



PARAMETER	LIMIT
Description	White granules or wax like flakes.
Solubility	Soluble in hot methanol.
Total Assay (Palmitic acids & Stearic acid) ($C_{18}H_{36}O_2$ & $C_{16}H_{32}O_2$) (GC)	> 90.0%
Acid value	194 - 212
Melting Point	53 – 59°C
Saponification value	194 - 225

MAXIMUM LIMIT OF IMPURITY	
Ash	0.1%

Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements : May cause respiratory irritation. Causes mild skin irritation Precautionary statements Prevention: ----- Response : If skin irritation occurs, seek medical advice/attention.	IMDG Code : UN No. : IATA :
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Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :-



GHS07

Replace Date 25-June-21