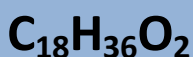




Product Specification

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	5% solution in methanol is clear and colourless.
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%
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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 :

Disposal: The chemical should be mixed combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :-



Skin irritation