

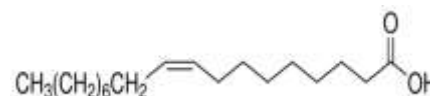


Product Specification

cdhfinechemical.com

OLEIC ACID

PRODUCT CODE	177555
SYNONYMS	Elainic acid
C.I. NO.	N/A
CASR NO.	112-80-1
ATOMIC OR MOLECULAR FORMULA	C ₁₇ H ₃₃ COOH
ATOMIC OR MOLECULAR WEIGHT	282.47
PROPERTIES	Darkens on exposure to air, Combustible.



PARAMETER	LIMIT
Description	Yellowish to brown, oily clear liquid.
Solubility	Soluble in alcohol, chloroform, & in ether.
Oleic acid (GC)	65 – 88%
Assay (GC, Composition of fatty acid)	95.00 – 105.00 %
Saponification value	196 - 206
Wt. per ml at 20°C	0.889 – 0.895 g
Iodine value	90 - 105
Acid value	195 – 204

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.1%
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Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

IMDG Code :

UN No. :

IATA :

Hazard Pictogram(s) :



GHS07

Replace date 24-Feb-2024