

Foreverest Resources Ltd

Isostearic Acid

Isostearic acid is a lightly-branched, liquid fatty acid produced by the reaction of oleic acid with a natural mineral catalyst – there is no chemical addition in this reaction, isostearic acid is based 100% on the parent oil or fat. Isostearic acid is used in applications which require a liquid fatty acid with exceptional stability: thermal stability in the case of a lubricant, odour stability for a cosmetic formulation, and oxidation stability for products with long shelf-life requirements. The branching structure of isostearic acid also enhances its dispersing power, and it is used in cosmetic and industrial applications for the stabilisation of pigments and mineral particles in oils and solvents.

Substance Identification

Synonyms

Iso Octadecanoic Acid | Isooctadecanoic acid

CAS

N/A

EINECS

250-178-0

FEMA	N/A
HS.CODE	38231100
Molecular Formula	C18H36O2
Molecular Weight	284.48

Application & Uses

- for a cosmetic formulation
- industrial applications for the stabilisation of pigments mineral particles in oils and solvents

Sales Specification

ITEM	VALUE
Color, @Gardner	1 to 3
Acid Value, mgKOH/g	180 to 195
Relative Density, @d20/20	0.881
Viscosity, C.P.S, @25°C	35 to 60
Saponification Value	190 to 200

ITEM	VALUE
Iodine Value, gI2/100g	15 max
Cloud Point, °C	10 max
LD50 oral, rat	64mL/kg

Package

- Iron Drum, 180kg net each

GHS Hazard Statements

H-Code	no data available
P-Code	no data available
Response	no data available
Storage	no data available
Disposal	no data available

Storage

- containers of this material may be hazardous when empty since they retain product residues (vapors, liquid)
- do not store at a temperature exceeding 80 °c
- observe all warnings and precautions listed for the product
- outside or detached storage is recommended

- polymerization or oxidation of the unsaturated bonds may occur
- store in a dry, cool, well-ventilated area
- store in the dark
- use only containers, joints, pipes, etc., made in a material suitable for use with fatty acids

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.