



SAFETY DATA SHEET

1. Identification of the preparation and of the company

Catalogue No.: O 13229
Product Name: **OLEIC ACID 65 - 70 % (ELAINIC ACID)**

Manufacturer / supplier identification

Company : NICE CHEMICALS PVT.LTD. , Cochin , India
Tel - 0484 2800212 , 2802755

Contact for Information : Tel . No. – 0484 2802536 Fax : 0484 2802483

Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. Composition / Information on ingredients

CAS-No : 112-80-1 EC –No. 204-007-1
Molar mass : 282.47 g/mol
Molecular formula : $C_{18}H_{34}O_2$

3. Hazards Identification

No hazardous product as specified in Directive 67/548/EEC.

4. First Aid Measures

After inhalation : Fresh air.
After skin contact : wash off under running water.
After eye contact : Rinse out with plenty of water. If pain persists, call ophthalmologist.
After swallowing : Make victim drink plenty of water, induce vomiting, summon doctor if feeling unwell.

5. Fire – fighting measures

Suitable extinguishing media : Powder, foam.
Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

Special protective equipment for fire fighting : Do not stay in dangerous zone without self-contained breathing apparatus.
Other information : Prevent fire-fighting water from entering surface water or ground water.

6. Accidental release Measures

Procedures for cleaning/absorption : Take up with liquid-absorbent material. Forward for disposal.
Clean up affected area.
Person-related precautionary measures : Avoid substance contact. Do not inhale vapours/aerosols.
Environmental-protection measures : Do not allow to enter sewerage system.



SAFETY DATA SHEET

Catalogue No.	:	O 13229
Product Name	:	OLEIC ACID 65 - 70%

7. Handling and Storage

Handling : Keep hermetically sealed. Protect from light. No further requirements.

Storage : Tightly closed. Dry. Protected from light. At +15°C to +25°C.

8. Exposure controls / personal protection

Personal protective equipment :

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection : required when dust are generated.

Eye protection : required

Hand protection : use recommended

Industrial hygiene : Change contaminated clothing. Wash hands after working with substance.

9. Physical and chemical properties

Form	:	Liquid
Colour	:	colourless to yellowish
Odour	:	characteristic
PH value at 50 g/l H ₂ O (20°C)	:	Not available
Viscosity dynamic (20°C)	:	39.1 mPa*s
Melting temperature	:	16 °C
Boiling temperature (1013hPa)	:	360 °C
(1.6hPa)	:	194 – 195 °C
Ignition temperature	:	350 °C
Flash point	:	180 °C
Explosion limits Lower	:	Not available
Upper	:	Not available
Vapour pressure (20°C)	:	< 0.1 hPa
Density (20°C)	:	~ 0.89 g/ cm ³
Solubility in water(20°C)	:	Insoluble
Ethanol (20°C)	:	soluble
Ether (20°C)	:	soluble
Thermal decomposition	:	> 80 °C

10. Stability and reactivity

Conditions to be avoided : Strong heating.

Substance to be avoided : No information available.

Hazardous decomposition products : No information available.



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Catalogue No.	:	O 13229
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11. Toxicological Information:

Acute toxicity : LD₅₀ (oral, rat) : 74000 mg/kg.

Specific symptoms in animal studies : Eye irritation test (rabbit) : slight irritations.

Skin irritation test (rabbit) : slight irritation.

Further toxicological information : After eye contact : slight irritations.

Further data : Naturally occurring substance. The product should be handled with the care usual when dealing with chemicals.

12. Ecological Information:

Ecotoxic effects : Quantitative data on the ecological effect of this product are not available.

Further ecological data : No ecological problems are to be expected when the product is handled and used with due care and attention.

13. Disposal Method :

Product

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC Member countries through that you corresponding laws and regulations. We recommend contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Packaging

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14. Transport information : No subject to transport regulations.

15. Regulatory Information

Labelling according to EC Directives

Symbol: -----

R-phrases: -----

S-phrases: -----

16. Other information

Chapter 1 : Change in product name.

General update.

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.



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