



MATERIAL SAFETY DATA SHEET

OLEIC ACID

IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name	Oleic Acid 75% Min
Product code	OL7519
Identification No.	CAS No. 112-80-1 EC No. 204-007-1
Identified uses	Industrial and scientific research uses.

HAZARD IDENTIFICATION

Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008
Label elements	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008
Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

COMPOSITION/INFORMATION ON INGREDIENTS

Substances	
Synonyms	Elainic acid, cis-9-Octadecenoic acid
Formula	C18H34O2
Molecular weight	282,47 g/mol
CAS-No.	112-80-1
EC-No.	204-007-1
Composition	
Chemical name	Purity (%)
Oleic Acid	204-75 min 007-1



FIRST AID PROCEDURES

If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Wash off with soap and plenty of water.
In case of eye contact	Flush eyes with water as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed	No Data Available

FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	For this substance/mixture no limitations of extinguishing agents are given.
Special hazards arising from the substance or mixture	Carbon oxides
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	No data available



ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Avoid breathing dust. For personal protection see section 8.
Environmental precautions	Do not let product enter drains.
Methods and materials for containment and cleaning up	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
Reference to other sections	For disposal see section 13.

HANDLING STORAGE

Precautions for safe handling

Advice on safe handling	Avoid formation of dust and aerosols.
Advice on protection against fire and explosion	Provide appropriate exhaust ventilation at places where dust is formed.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Conditions for safe storage, including any incompatibilities	Store in cool and dry place, avoid extreme cold and heat. Avoid direct sunlight and heat. Keep container tightly closed in a dry and well-ventilated place
Specific end use(s)	Apart from the uses mentioned in section 1.2 no other specific uses are stipulated



EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	Components with workplace control parameters
Exposure controls	Appropriate engineering controls
General industrial hygiene practice.	Personal protective equipment
Eye/face protection	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection	Handle with gloves. Gloves must be inspected prior to use.
Body Protection	Body protection is not required
Respiratory protection	Respiratory protection is not required.
Control of environmental exposure	No special environmental precautions required.

PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance	Yellowish
Physical state	Liquid
Odor	Light fatty acid
pH	No data available
Melting point	10°C max
Relative density	0.883 at 30 °C
Solubility in water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Explosive properties	No data available
Oxidizing properties	None
Other safety information	No data available



STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	Strong Heating
Incompatible materials	Base, oxidizing agents, Reducing agent
Hazardous decomposition products	In the event of fire : see section 5

TOXICOLOGICAL INFORMATION

Information on toxicological effects Acute toxicity

Acute toxicity	LD50 Oral - Rat - > 5.000 mg/kg
Skin corrosion/irritation	Mild irritation
Serious eye damage/eye irritation	Mild irritation
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional Information	No data available



ECOLOGICAL INFORMATION

Toxicity to fish	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Other adverse effects	No data available

DISPOSAL CONSIDERATIONS

Waste treatment methods	Disposed of in compliance with the respective national regulation
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TRANSPORT INFORMATION

1 UN number	ADR/RID: -	IMDG: -	IATA: -
UN proper shipping name	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods		
Transport hazard class(es)	ADR/RID: -	IMDG: -	IATA: -
Packaging group	ADR/RID: -	IMDG: -	IATA: -
Environmental hazards	ADR/RID: no	MDG Marine pollutant: no	IATA: no
Special precautions for user	Further information Not classified as dangerous in the meaning of transport regulations.		



REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.