

Material Safety Data Sheet

Section 1. Chemical Identification

Product Name: Oleoylethanolamide (OEA)

Synonyms: N-(2-Hydroxyethyl)-9-octadecenamide, 9-octadecenamide, N-Oleoylethanolamine

Section 2. Hazards Identification

Emergency Overview: Avoid contact and inhalation.

Potential Health Effects (Acute and Chronic):

Material may be irritating to the mucous membranes and upper respiratory tract.

May be harmful by inhalation, ingestion, or skin absorption.

May cause eye, skin, or respiratory system irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the toxicological properties have not been thoroughly investigated.

Medical Conditions Generally Aggravated By: No data available.

Section 3. Information on Ingredients

Chemical Name	CAS No.	Concentration	EC No.	Risk Phrases
Oleoylethanolamide	111-58-0	100%	203-884-8	No phrase applies

Section 4. First Aid Measures

Emergency and First Aid Procedures: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.

If swallowed, wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by medical personnel.

In case of contact with eyes, hold eyelids apart and flush eyes with plenty of water for at least 20 minutes. Have eyes examined and tested by medical personnel.

In case of skin contact, immediately wash skin with soap and plenty of water for at least 20 minutes. Remove contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

Section 5. Fire Fighting Measures

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data available.

Fire Fighting Instructions: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

Suitable Extinguishing Media: Use alcohol-resistant foam, carbon dioxide, water, or dry chemical spray. Use water spray to cool fire-exposed containers.

Unsuitable Extinguishing Media: A solid water stream may be inefficient.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapors. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Section 7. Handling and Storage

Precautions for safe handling

Handling in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

Section 8. Exposure Controls/Personal Protection

Control parameters

Occupational Exposure limit values

no data available

Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

no data available

Section 9. Physical and Chemical Properties

Physical state	A crystalline solid
Colour	White to light yellow
Odour	no data available
Melting point/ freezing point	no data available
Boiling point or initial boiling point and boiling range	no data available
Flammability	no data available
Lower and upper explosion limit / flammability limit	no data available
Flash point	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity	no data available
Solubility	no data available
Partition coefficient n-octanol/water	no data available
Vapour pressure	no data available
Density and/or relative density	no data available
Relative vapour density	no data available
Particle characteristics	no data available

Section 10. Stability and Reactivity

Reactivity

no data available

Chemical stability

no data available

Possibility of hazardous reactions

no data available

**Conditions to avoid**

no data available

Incompatible materials

no data available

Hazardous decomposition products

no data available

Section 11. Toxicological Information

The toxicological effects of this product have not been thoroughly studied.

Chronic Toxicological Effects: No data available.

Section 12. Ecological Information

Avoid release into the environment.

Runoff from fire control or dilution water may cause pollution.

Section 13. Disposal Considerations

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

Section 14. Transport Information**LAND TRANSPORT (US DOT)**

DOT Proper Shipping Name Not dangerous goods.

LAND TRANSPORT (European ADR/RID)

ADR/RID Shipping Name Not dangerous goods.

AIR TRANSPORT (ICAO/IATA)

ICAO/IATA Shipping Name Not dangerous goods.

Additional Transport Information: Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Section 15. Regulatory Information**European Community Hazard Symbol codes**

No data available.

European Community Risk and Safety Phrases

S24/25- Avoid contact with skin and eyes.

S37/39- Wear suitable gloves and eye/face protection.

US EPA SARA Title III

Chemical Name	CAS No	Sec.302(EHS)	Sec.304 RQ	Sec.313(TRI)	Sec.110
Oleoylethanolamide	111-58-0	No	No	No	No



Address: East of Tianmu Road, Laiyang Development
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Other US EPA or State Lists

Chemical Name	CAS No	CAA, HAP, ODC	CWA NPDES	TSCA	CA PROP.65
Oleoylethanolamide	111-58-0	No	No	Inventory	No

Regulatory Information Statement: This SDS was prepared in accordance with Regulation (EC) No.1272/2008 and European Directive 67/548/EEC as amended.

16. Other Information Company Policy or Disclaimer

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