

OXFORD LAB FINE CHEM LLP

ISO 9001-2008 Certified Company

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
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Email: sales@oxfordlabchem.com /
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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

CEROUS ACETATE 99% AR **(Cerium (III) Acetate)** **MSDS CAS: 17829-82-2**

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: CEROUS ACETATE 99% AR

CAS#: 17829-82-2

Synonym: Cerium (III) acetate

Chemical Name: Not available.

Chemical Formula: C₆H₉CeO₆

Brand : OXFORD

Details Of The Supplier Of The Safety Data Sheet :

Company identification: OXFORD LAB FINE CHEM LLP
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
Tel/Fax: 91-250-2390032

Section 2: Composition and Information on Ingredients

Substances:

Formula : C₆H₉CeO₆· xH₂O
Molecular weight : 317.25 g/mol
CAS-No. : 206996-60-3
EC-No. : 208-654-0

No components need to be disclosed according to the applicable regulations.

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Section 3: Hazards 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: none

Section 4: First Aid Measures

Description of first aid measures:

Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Skin contact : Wash off with soap and plenty of water.

Eye contact : Flush eyes with water as a precaution.

Ingestion : Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed: No data available.

Indication of any immediate medical attention and special treatment needed: No data available.

Section 5: Fire and Explosion Data

Extinguishing media:

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture:

Carbon oxides, cerium oxides.

Advice for fire-fighters:

Protection against fire : Wear self-contained breathing apparatus for firefighting if necessary.

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Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For emergency responders : Avoid dust formation. Avoid breathing vapours, mist or gas.

Environmental precautions:

Environmental precautions : Do not let product enter drains.

Methods and material for containment and cleaning up:

Clean up methods : Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for safe handling:

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Storage class (TRGS 510): Combustible Solids.

Section 8: Exposure Controls/Personal Protection

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).

Section 8: Exposure Controls/Personal Protection (Continued)

Skin protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

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.

Body Protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection:

Respiratory protection is not required. Where protection from nuisance level (EN 143) dust masks.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Do not let product enter drains.

Section 9: Physical and Chemical Properties

Physical state at 20 °C	: Solid.
Colour	: N/A
Odour	: N/A
Odour threshold	: N/A
pH value	: Not applicable.
Melting point [°C]	: N/A
Decomposition point [°C]	: N/A
Critical temperature [°C]	: N/A
Auto-ignition temperature [°C]	: N/A
Flammability (solid, gas)	: N/A
Flash point [°C]	: N/A
Boiling point [°C]	: N/A
Initial boiling point [°C]	: N/A

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Section 9: Physical and Chemical Properties (Continued)

Final boiling point [°C]	: N/A
Evaporation rate	: N/A
Vapour pressure [20°C]	: N/A
Vapour pressure mm/Hg	: N/A
Vapour density	: N/A
Density [g/cm ³]	: N/A
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: N/A
Solubility in water	: N/A
Log Pow octanol / water at 20°C	: N/A
Solubility	: N/A
Viscosity at 40°C [mm ² /s]	: N/A
<u>Other information</u>	
Explosive properties	: N/A
Explosion limits - upper [%]	: N/A
Explosion limits - lower [%]	: N/A
Oxidising properties	: No data available.

Section 10: Stability and Reactivity Data

Reactivity

Reactivity : Not established.

Chemical stability

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions

Hazardous reactions : Not established.

Conditions to avoid

Conditions to avoid : Not established.

Incompatible materials

Materials to avoid : Strong oxidizing agents

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions.-
Carbon oxides, cerium oxides. Other decomposition products-No data available.

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Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity: No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/eye irritation: No data available.

Respiratory or skin sensitisation: No data available.

Germ cell mutagenicity: No data available.

Carcinogenicity

IARC:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: No data available.

Section 12: Ecological Information

Toxicity:

Toxicity information : Not established.

Persistence - degradability

Persistence - degradability : No data available.

Bioaccumulative potential

Bioaccumulative potential : Not established.

Mobility in soil

Mobility in soil : Not established.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects

Environmental precautions : No data available.

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Section 13: Disposal Considerations

Product:

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging:

Dispose of as unused product.

Section 14: Transport Information

Land transport (ADR-RID)

General information : Not regulated.

Sea transport (IMDG) [English only]

General information : Not regulated.

Air transport (ICAO-IATA) [English only]

General information : Not regulated.

Section 15: Other Regulatory Information

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

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

Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

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Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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