

MATERIAL SAFETY DATA SHEET

ALUMINON REAGENT SOLUTION **MSDS CAS:**

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: Aluminon Reagent Solution

CAS#:

Synonym: Not applicable

Chemical Name: Aluminon Reagent Solution

Chemical Formula: Not applicable

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,
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Tel: 91-250-2390989
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Triammonium 5,5'-(3-carboxylato-4-oxocyclohexa-2,5-dienylidenemethylene)disalicylate	569-58-4	<=100

Section 3: Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin irritation (Category 2), H315

Eye irritation (Category 2), H319

Other hazards-none

Section 4: First Aid Measures

Inhalation:

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

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

Skin Contact:

Wash off with soap and plenty of water. Consult a physician.

Eye Contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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, Nitrogen oxides (NOx)

Advice for firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas.

Ensure adequate ventilation. Avoid breathing dust.

Environmental precautions:

Do not let product enter drains.

Section 6: Accidental Release Measures (Continued)

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.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. 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

Exposure controls:

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment:

Eye/face protection:

Safety glasses with side-shields conforming to EN166 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. 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.

Respiratory protection:

For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle r (US) or type ABEKP2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Physical state and appearance: Dark red powder.

Odor	: Not available.
Taste	: Not available.
Molecular Weight	: Not available.
Color	: Dark red.
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: 220 -225 °C-dec.
Critical Temperature	: Not available.
Specific Gravity	: Not available.
Vapor Pressure	: Not applicable.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility	: Not available

Section 10: Stability and Reactivity Data

Reactivity:

No data available .

Chemical stability:

Stable under recommended storage conditions.

Incompatible materials:

Strong oxidizing agents.

Hazardous decomposition products :

Hazardous decomposition products formed under fire conditions. -Carbon oxides, Nitrogen oxides (NO_x).

Section 11: Toxicological Information

Information on toxicological effects:

Acute toxicity LD50Oral -Rat -9,000 mg/kg(Triammonium 5,5'-(3-carboxylato-4-oxocyclohexa-2,5-dienylidenemethylene)disalicylate).

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.

Section 12: Ecological Information

Environmental Fate: No information found.

Environmental Toxicity: No information found.

Section 13: Disposal Considerations

Product:

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chem scrubber.

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

Safety, health and environmental: Ensure all national/local regulations are observed.

Regulations/legislation specific for the

Substance or mixture

REACH Restrictions - Annex XVII: The components of this product are not subject to restrictions.

REACH Authorization - Annex XIV: The components of this product are not subject to authorization.

Chemical Safety Assessment: It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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