

## **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**  
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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.

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

## 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-dienylidene)methylene)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

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## **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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