

MATERIAL SAFETY DATA SHEET

AMMONIUM DIETHYL DITHIOCARBAMATE AR MSDS CAS: 21124-33-4

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: Ammonium Diethyl Dithiocarbamate AR

CAS#: 21124-33-4

C.I. No.: Not applicable.

Synonym: Acetic acid amide; ethanamide; methane carboxamide

Chemical Name:

Chemical Formula: C₅H₁₁NS₂.H₃N

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
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Section 2: Composition and Information on Ingredients

Composition:

| Name | CAS # | % by Weight |
|-------------------------------------|------------|-------------|
| Ammonium Diethyl Dithiocarbamate AR | 21124-33-4 | 100 |

Section 3: Hazards Identification

Risk advice to man and the environment

Irritating to eyes, respiratory system and skin.

Section 4: First Aid Measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

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

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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

Section 5: Fire and Explosion Data

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for Fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Section 6: Accidental Release Measures (Continued)

Methods for cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

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.

Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature: 2 - 8 °C hygroscopic.

Section 8: Exposure Controls/Personal Protection

Personal protective equipment

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves.

Eye protection: Safety glasses

Skin and body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.

| | |
|-------------------------------|------------------|
| Odor | : Stench. |
| Taste | : Not available. |
| Molecular Weight | : 166.31 g/mole |
| Color | : Not available. |
| pH (1% soln/water) | : Not available. |
| Boiling Point | : Not available. |
| Melting Point | : 80°C |
| Flash Point | : Not available. |
| 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

Storage stability: Stable under recommended storage conditions.

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products

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

Section 11: Toxicological Information

Acute toxicity: no data available

Irritation and corrosion: no data available

Section 11: Toxicological Information

Sensitisation: no data available

Chronic exposure

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.

Potential Health Effects

Inhalation : May be harmful if inhaled. Causes respiratory tract irritation.

Skin : May be harmful if absorbed through skin. Causes skin irritation.

Eyes : Causes eye irritation.

Ingestion : May be harmful if swallowed

Section 12: Ecological Information

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

no data available

Further Information on ecology

no data available

Section 13: Disposal Considerations

Product: Observe all federal, state, and local environmental regulations. 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 chemical incinerator equipped with an afterburner and 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

Labelling according to EC Directives

Hazard symbols

Xi Irritant

R-phrases)

R36/37/38 Irritating to eyes, respiratory system and skin.

S-phrases)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36

Wear suitable protective clothing.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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