OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

# MATERIAL SAFETY DATA SHEET

# AMINO PYRINE
## (4-Dimethyl-Amino Antipyrine)
## MSDS CAS: 58-15-1

## Section 1: Chemical Product and Company Identification

**Section 1: Chemical Product**
**Product Name:** AMINO PYRINE
**CAS#:** -58-15-1
**Synonym:** 4-Dimethylaminoantipyrine, 4-Dimethylamino-2,3-dimethyl-1-phenyl-3-pyrazolin-5-one
**Chemical Name:** Not available.
**Chemical Formula:** $C_{13}H_{17}N_3O$

**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

| Ingredient | CAS-No. | Percent | Hazardous |
|---|---|---|---|
| Amino Pyrine | 58-15-1 | 98-100% | Yes |

# Section 3: Hazards Identification

**Classification of the substance or mixture**

**According to Regulation (EC) No1272/2008**
**Acute toxicity, Oral (See Section 11)**
**Skin irritation (See Section 11)**
**Eye irritation (See Section 11)**
**Specific target organ toxicity - single exposure (See Section 11)**
**According to European Directive 67/548/EEC as amended.**
**Harmful if swallowed. Irritating to eyes, respiratory system and skin.**

# Section 4: First Aid Measures

**Description of 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.
**Methods and materials for containment and cleaning up:** Pick up and arrange disposal without creating dust. 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:** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Light sensitive.

## 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:** Face shield and 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.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

## Section 9: Physical and Chemical Properties

**Appearance** : **Form: solid**
**Odour** : **no data available**
**Color** : **no data available**
**Odour Threshold** : **no data available**
**pH** : **no data available**
**Melting point/freezing point: 107 - 109 °C - lit.**
**Initial boiling point and boiling range: no data available**
**Flash point** : **no data available**
**Evaporation rate** : **no data available**
**Flammability (solid, gas): no data available**
**Upper/lower flammability or explosive limits: no data available**
**Vapour pressure** : **no data available**
**Vapour density** : **no data available**
**Relative density** : **no data available**
**Water solubility** : **no data available**
**Partition coefficient: no data available**
**Auto ignition Temperature: no data available**
**Decomposition temperature: no data available**
**Viscosity** : **no data available**
**Explosive properties: no data available.**
**Oxidizing properties: no data available**
**Other safety information: no data available**

## Section 10: Stability and Reactivity Data

**Chemical stability: Stable under recommended storage conditions.**

**Conditions to avoid: Exposure to light may affect product quality.**

**Materials to avoid: Strong oxidizing agents, Strong acids, Strong bases**

**Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx)**

# Section 11: Toxicological Information

## Information on toxicological effects

**Acute toxicity: LD50 Oral - rat - 285 mg/kg**
**Skin corrosion/irritation: no data available**
**Serious eye damage/eye irritation: no data available**
**Respiratory or skin sensitization: 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**
**Specific target organ toxicity - single exposure: Inhalation - May cause respiratory irritation.**
**Specific target organ toxicity - repeated exposure: no data available**
**Aspiration hazard: no data available**
**Aspiration hazard: no data available**

## Potential health effects

| | |
|---|---|
| **Inhalation** | **May be harmful if inhaled. Causes respiratory tract irritation.** |
| **Ingestion** | **Harmful if swallowed.** |
| **Skin** | **May be harmful if absorbed through skin. Causes skin irritation.** |
| **Eyes** | **Causes eye irritation.** |

# Section 12: Ecological Information

**Toxicity: no data available**
**Persistence and degradability: no data available**
**Bio accumulative potential: no data available**
**Mobility in soil: no data available**
**Results of PBT and vPvB assessment: no data available**

# Section 13: Disposal Considerations

## Waste treatment methods

**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)

**Proper shipping name : TOXIC SOLID, ORGANIC, N.O.S. (Aminophenazone)**
**UN N° : 2811**
**ADR – Class : 6.1**

## Sea transport (IMDG) [English only]

**Proper shipping name : TOXIC SOLID, ORGANIC, N.O.S. (Aminophenazone)**
**UN N° : 2811**
**IMO-IMDG - Class or division: 6.1: Toxic substances.**
**IMO-IMDG - Packing group: III**

## Air transport (ICAO-IATA) [English only]

**Proper shipping name : TOXIC SOLID, ORGANIC, N.O.S. (AMINOPHENAZONE)**
**UN N° : 2811**
**IATA - Class or division: 6.1: Toxic substances.**
**IATA - Packing group : III**

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## Section 15: Other Regulatory Information

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

## Section 16 - Additional Information

**Acute Tox. Acute toxicity**
**Eye Irrit. Eye irritation**
**H301 Toxic if swallowed.**
**H315 Causes skin irritation.**
**H319 Causes serious eye irritation.**
**H335 May cause respiratory irritation.**
**Skin Irrit. Skin irritation**
**Xn Harmful**
**R22 Harmful if swallowed.**
**R36/37/38 Irritating to eyes, respiratory system and skin.**

## *Disclaimer:*

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