OXFORD LAB FINE CHEM LLP

Regd Office: Unit no 12, 1st Floor,
Neminath Industrial Estate No.6,
Navghar, Vasai (East), Palghar - 410210.
Maharashtra, INDIA.

Tel: +91 250 2390032 / 2390989 / 2390990
Email: sales@oxfordlabchem.com /
info@oxfordlabchem.com
Web: www.oxfordlabchem.com

Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

3-AMINO PYRIDINE

(For Synthesis) (m-Amino pyridine)

MSDS CAS: 462-08-6

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: 3-AMINO PYRIDINE
CAS#: -462-08-6
Synonym: 3-Pyridylamine
Chemical Name: Not available.
Chemical Formula: $C_5H_6N_2$

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

Component	CAS-No.	Concentration
3-Pyridylamine	462-08-8	<= 100 %

Section 3: Hazards Identification

Label elements

Labelling according Regulation (EC) No 1272/2008

Signal word **Danger**

Hazard statement(s)

H301 + H311	**Toxic if swallowed or in contact with skin**
H315	**Causes skin irritation.**
H319	**Causes serious eye irritation.**
H335	**May cause respiratory irritation.**

Precautionary statement(s)

P261	**Avoid breathing dust.**
P280	**Wear protective gloves/ protective clothing.**
P301 + P310	**IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.**
P305 + P351 + P338	**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**
P312	**Call a POISON CENTER or doctor/ physician if you feel unwell.**
Supplemental Hazard Statements	**: none**

Other hazards – none

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. Take victim immediately to hospital. 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 4: First Aid Measures (Continued)

Most important symptoms and effects, both acute and delayed

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, nitrogen oxides (NOx).**

Advice for firefighters: **Wear self-contained breathing apparatus for firefighting if necessary.**

Further information: **no data available**

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:
Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions: **Prevent further leakage or spillage if safe to do so. Do not let product enter drains.**

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.**

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Section 7: Handling and Storage (Continued)

Conditions for safe storage, including any incompatibilities: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Control parameters
Components with workplace control parameters

Exposure controls
Appropriate engineering controls
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection
Face shield and safety glasses 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.

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:
Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection:
Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

Appearance : **Form: Flakes**
Odour : **no data available**
Color : **Beige**
Odour Threshold : **no data available**
pH : **no data available**
Melting point/freezing point: 60 - 63 °C - lit.
Initial boiling point and boiling range: 248 °C - lit.
Flash point : **88 °C - closed cup**
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

Reactivity : **no data available.**
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: no data available
Conditions to avoid: no data available
Incompatible materials: Strong oxidizing agents

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 sensitization: no data available
Germ cell mutagenicity: no data available

Carcinogenicity

IARC: No components 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: no data available
Specific target organ toxicity - repeated exposure: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard: no data available

Aspiration hazard: no data available

Potential health effects

Inhalation	**Toxic if inhaled. Causes respiratory tract irritation.**
Ingestion	**Toxic if swallowed.**
Skin	**Toxic if absorbed through skin. Causes skin irritation.**
Eyes	**Causes serious 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: **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 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 : AMINOPYRIDINES (o-, m-, p-)
UN N° : 2671
H.I. nr : 60
ADR – Class : 6.1

Sea transport (IMDG) [English only]

Proper shipping name : AMINOPYRIDINES (o-, m-, p-)
UN N° : 2671
IMO-IMDG - Class or division: 6.1: Toxic substances.
IMO-IMDG - Packing group: II

Air transport (ICAO-IATA) [English only]

Proper shipping name : AMINOPYRIDINES (o-, m-, p-)
UN N° : 2671
IATA - Class or division: 6.1: Toxic substances.
IATA - Packing group : II

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Section 15: Other Regulatory Information

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

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

no data available

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

Section 16 - Additional Information

Not available.

Disclaimer:

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