OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

4-AMINO ACETANILIDE

(N-Acetyl-P-Phenylene Diamine)

MSDS CAS: 122-80-5

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: 4-AMINO ACETANILIDE
CAS#: 122-80-5
C.I. No.:
Synonym: p-AMINO ACETANILIDE
Chemical Formula: $C_8H_{10}N_2O$

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
p-Amino Acetanilide	122-80-5	95%

Section 3: Hazards Identification

EMERGENCY OVERVIEW

Appearance: brown solid.
Warning! Causes eye irritation. May cause skin and respiratory tract irritation. Air sensitive.
Target Organs: Eyes.

Potential Health Effects

Eye: Causes eye irritation.
Skin: May cause skin irritation.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.
Inhalation: May cause respiratory tract irritation.
Chronic: No information found.

Section 4: First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes.
Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.
Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Notes to Physician: Treat symptomatically and supportively.

Section 5: Fire and Explosion Data

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Extinguishing Media: Use agent most appropriate to extinguish fire.
Flash Point: Not available.
Auto ignition Temperature: Not available.
Explosion Limits, Lower: Not available.
Upper: Not available.
NFPA Rating: (estimated) Health: ; Flammability: ; Instability:

Section 6: Accidental Release Measures

General Information: **Use proper personal protective equipment as indicated in Section 8.**

Spills/Leaks: **Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation. Place under an inert atmosphere.**

Section 7: Handling and Storage

Handling: **Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Handle under an inert atmosphere.**
Store protected from air.

Storage: **Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Do not expose to air. Store under an inert atmosphere.**

Section 8: Exposure Controls/Personal Protection

Engineering Controls: **Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.**

Exposure Limits

Chemical Name ACGIHNIOSHOSHA - Final PELs
P-acetoaminoaniline none listed none listed none listed
OSHA Vacated PELs: P-acetoaminoaniline: No OSHA Vacated PELs are listed for this chemical.

Personal Protective Equipment

Eyes: Wear chemical splash goggles.
Skin: Wear appropriate protective gloves to prevent skin exposure.
Clothing: Wear appropriate protective clothing to minimize contact with skin.
Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid.
Odor : Brown
Taste : Not available.
Molecular Weight : 150.80 g/mole
Color : Not available.
pH (1% soln/water) : Not available.
Boiling Point : 267 deg C
Melting Point : 165 deg C
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 : Soluble In Cold Water.

Section 10: Stability and Reactivity Data

Chemical Stability: Stable under normal temperatures and pressures.
Conditions to Avoid: Incompatible materials, exposure to air, strong oxidants.
Incompatibilities with Other Materials: Air.
Hazardous Decomposition Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.
Hazardous Polymerization: Has not been reported

Section 11: Toxicological Information

RTECS#:
CAS# 122-80-5: AD8225000
LD50/LC50:
CAS# 122-80-5:

Section 11: Toxicological Information (Continued)

Draize test, rabbit, eye: 100 mg/24H Moderate;
Oral, mouse: LD50 = 633 mg/kg;
Oral, rat: LD50 = 2500 mg/kg;
.
LD50 - Lethal dose (Oral, rat) = 2500
Carcinogenicity:
CAS# 122-80-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Epidemiology: No information found
Teratogenicity: No information found
Reproductive Effects: No information found
Mutagenicity: Mutation in microorganisms (Salmonella typhimurium)= 100 ug/plate
Neurotoxicity: No information found

Section 12: Ecological Information

Ecotoxicity: Bacteria: Phytobacterium phosphoreum: EC50 = 157-207 mg/L; 5,15,30 minutes; Microtox test, 15 degrees C

Section 13: Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

Section 14: Transport Information

Land transport (ADR-RID)

General Information: Regulated

Section 14: Transport Information (Continued)

Sea transport (IMDG) [English only]

General Information: **Regulated**

Air transport (ICAO-IATA) [English only]

General Information: **Regulated**

Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Ensure all national/local regulations are observed.

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.**

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