OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

2-AMINO ACETOPHENONE

(Ortho Amino Acetophenone)

MSDS CAS: 551-93-9

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: 2-AMINO ACETOPHENONE
CAS#: 551-93-9
C.I. No.:
Synonym: 2-Aminoacetophenone; Ethanone, 1-(2-Aminophenyl)
Chemical Formula: C_8H_9NO

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.
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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
O-AMINO ACETOPHENONE	551-93-9	97-100%

Section 3: Hazards Identification

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin.The toxicological properties of this material have not been fully investigated.

Potential Health Effects

Eye: Causes eye irritation. May cause chemical conjunctivitis.
Skin: Causes skin irritation.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.
Inhalation: Causes respiratory tract irritation. The toxicological properties of this substance have not been fully investigated. Can produce delayed pulmonary edema.
Chronic: Effects may be delayed.

Section 4: First Aid Measures

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin: Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.
Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
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. Use water spray to keep fire-exposed containers cool. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated.
Extinguishing Media: Use agent most appropriate to extinguish fire. Cool containers with flooding quantities of water until well after fire is out. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Section 6: Accidental Release Measures

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

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Provide ventilation.

Section 7: Handling and Storage

Handling: Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Keep away from heat, sparks, and flame. Store in a tightly closed container. Store in a cool, dry, well ventilated area away from incompatible substances. Keep refrigerated. (Store below 4C/39F.)

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

CAS# 551-93-9:

Personal Protective Equipment

Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

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: Liquid
Odor : Acetic odor
Taste : Not available.
Molecular Weight : 135.17 g/mole
Color : Yellow
pH (1% soln/water) : Not available.
Boiling Point : 70.0 - 71.0 deg C @ 3.00mmHg
Melting Point : Not available.
Flash Point : 112 deg C (233.60 deg F)
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 : practically insoluble

Section 10: Stability and Reactivity Data

Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.
Conditions to Avoid: Incompatible materials, ignition sources, excess heat, strong oxidants.
Incompatibilities with Other Materials:
Oxidizing agents.
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# 551-93-9 unlisted.
LD50/LC50:
Not available.
Carcinogenicity:
Ethanone, 1-(2-Aminophenyl)- -Not listed by ACGIH, IARC, or NTP.

Section 12: Ecological Information

Not Regulated

Section 13: Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14: Transport Information

Land transport (ADR-RID)

General Information: Regulated

Sea transport (IMDG) [English only]

General Information: Regulated

Air transport (ICAO-IATA) [English only]

General Information: Regulated

Section 15: Other Regulatory Information

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: XI
Risk Phrases:
R 36/37/38 Irritating to eyes, respiratory system and skin.
Safety Phrases:
S 24/25 Avoid contact with skin and eyes.
S 28A after contact with skin, wash immediately with plenty of water.
S 37 Wear suitable gloves.
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
WGK (Water Danger/Protection)
CAS# 551-93-9: 2
Canada
CAS# 551-93-9 is listed on Canada's DSL List.
CAS# 551-93-9 is not listed on Canada's Ingredient Disclosure List.
US FEDERAL
TSCA
CAS# 551-93-9 is listed on the TSCA inventory.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

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