



*Resonance Specialties Limited*

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## **MATERIAL SAFETY DATA SHEET**

Alpha Picolinic Acid

### **1. IDENTIFICATION :**

#### **1. GENERAL INFORMATION**

##### **Head Office**

Company name: Avignon Exim Pvt. Ltd.

Company address: 26,A,Narayan Properties, Off Saki Vihar Road, Chandivali, Andheri (East)

### **2. COMPOSITION AND INFORMATION ON INGREDIENTS**

<b>CAS#</b>	<b>Chemical Name</b>	<b>%</b>	<b>EINECS#</b>
98-98-6	Picolinic acid	99%	202-719-7

Hazard Symbols: XN

Risk Phrases: 22 36/37/38

### **3. HAZARDS IDENTIFICATION**

#### **EMERGENCY OVERVIEW**

Harmful if swallowed, Irritating to eyes, respiratory system and skin.

## POTENTIAL HEALTH EFFECTS

<b>Eye</b>	Causes eye irritation.
<b>Skin</b>	Causes skin irritation.
<b>Ingestion</b>	Harmful if swallowed.
<b>Inhalation</b>	Causes respiratory tract irritation.
<b>Chronic</b>	Not available.

## 4. FIRST AID MEASURES

<b>Eyes</b>	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
<b>Skin</b>	Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
<b>Ingestion</b>	Get medical aid. Wash mouth out with water.
<b>Inhalation</b>	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

### Notes to Physician

## 5. FIRE FIGHTING MEASURES

<b>General Information</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
<b>Extinguishing Media</b>	In case of fire, use water, dry chemical, chemical foam, or alcohol-resistant foam.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Spills/Leaks** Vacuum or sweep up material and place into a suitable disposal container.

## 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.

**Storage** Store in a cool, dry place. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls** Use adequate ventilation to keep airborne concentrations low.

### PERSONAL PROTECTIVE EQUIPMENT

**Eyes** Wear safety glasses and chemical goggles if splashing is possible.

**Skin** Wear appropriate protective gloves to prevent skin exposure.

**Clothing** Wear appropriate protective clothing to minimize contact with skin.

**Respirators** Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Crystalline powder

**Appearance** White - almost white

**Odor** Not available.

<b>PH</b>	3.0-4.0, 1% aq.sol.
<b>Vapor Pressure</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Boiling Point</b>	Not available.
<b>Freezing/Melting Point</b>	136.00 - 139.00 deg C
<b>Auto ignition Temperature</b>	Not available.
<b>Flash Point</b>	Not available.
<b>Explosion Limits, lower</b>	Not available.
<b>Explosion Limits, upper</b>	Not available.
<b>Decomposition Temperature</b>	
<b>Solubility</b>	887 G/L WATER (20°C)
<b>Specific Gravity/Density</b>	
<b>Molecular Formula</b>	
<b>Molecular Weight</b>	123.11

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Not available.
<b>Conditions to Avoid</b>	Incompatible materials.
<b>Incompatibilities with Other Materials</b>	Oxidizing agents, reducing agents, acids, and bases.
<b>Hazardous Decomposition Products</b>	Nitrogen oxides, carbon monoxide, carbon dioxide.
<b>Hazardous Polymerization</b>	Has not been reported.

## Section 11 - Toxicological Information

**RTECS#** CAS# 98-98-6: TJ7344000

**LD50/LC50** Not available.

**Carcinogenicity** Picolinic acid – Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.  
See actual entry in RTECS for complete information.

## **Section 12 - Disposal Considerations**

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

## **Section 13 - Transport Information**

	<b>IATA</b>	<b>IMO</b>	<b>RID/ADR</b>
<b>Shipping Name:-</b>	-	-	-
<b>Hazard Class:-</b>	-	-	-
<b>UN Number:-</b>	-	-	-
<b>Packing Group:-</b>	-	-	-

Is Non Hazardous and can be transported in passenger and cargo airline.

## **Section 14 - Regulatory Information**

European/International Regulations  
European Labeling in Accordance with EC Directives

Hazard Symbols: XN

### Risk Phrases:

- ⇒ R 22 Harmful if swallowed.
- ⇒ R 36/37/38 Irritating to eyes, respiratory system and skin.

### Safety Phrases:

- ⇒ S 24/25 Avoid contact with skin and eyes.
- ⇒ S 33 Take precautionary measures against static discharges.

### WGK (Water Danger/Protection)

- ⇒ CAS# 98-98-6: 2

United Kingdom Occupational Exposure Limits

Canada

- ⇒ CAS# 98-98-6 is listed on Canada's DSL List.
- ⇒ CAS# 98-98-6 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

- ⇒ CAS# 98-98-6 is listed on the TSCA inventory.

**Section 15 - Additional Information**

**MSDS Creation**      **Date** 06/07/1998

**MSDS Revision**      **Date** 02/05/2003

**Section 16 - Additional Information**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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