



Resonance Specialties Limited

MSDS for 2,6 DIPICOLINIC ACID

2,6-Pyridinedicarboxylic acid

1. IDENTIFICATION :

MSDS Name 2,6 Dipicolinic Acid

Catalog Numbers 13117-0000, 13117-0010, 13117-0250, 13117-1000, 13117-5000

Synonyms 2,6, Pyridinedicarboxylic acid

2. COMPOSITION AND INFORMATION ON INGREDIENTS

CAS#	Chemical Name
499-83-2	Picolinic acid

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

Eye Causes eye irritation.

Skin Causes skin irritation.

Ingestion Harmful if swallowed.

Inhalation Causes respiratory tract irritation.

Chronic Not available.

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.

Ingestion Get medical aid. Wash mouth out with water.

Inhalation 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

General Information As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media 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-facepiece 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.
PH	3.0-4.0, 1% aq.sol.
Vapor Pressure	Not available.
Viscosity	Not available.
Boiling Point	Not available.
Freezing/Melting Point	136.00 - 139.00 deg C
Autoignition Temperature	Not available.
Flash Point	Not available.
Explosion Limits, lower	Not available.
Explosion Limits, upper	Not available.
Decomposition Temperature	
Solubility	887 G/L WATER (20°C)

Specific Gravity/Density

Molecular Formula

Molecular Weight 123.11

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Section 11 - Toxicological Information

RTECS# CAS# 98-98-6: TJ7344000

LD50/LC50 Not available.

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

12. ECOLOGICAL INFORMATION

Not Applicable

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

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

15. 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# **499-83-2** 6: 2

United Kingdom Occupational Exposure Limits

Canada

- ⇒ CAS# **499-83-2** is listed on Canada's DSL List.
- ⇒ CAS# **499-83-2** is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

- ⇒ CAS# **499-83-2** is listed on the TSCA inventory.

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.
