



*Resonance Specialties Limited*

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## MATERIAL SAFETY DATA SHEET

Iso Nicotinic Acid

### 1. IDENTIFICATION :

Catalog #: i3127

Name: Isonicotinamide

### 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Cas #: 1453-82-3

Mf: c6h6n2o

Ec No: 215-926-2

Synonyms

- ⇒ 4-carbamoylpyridine \* isonicotinic acid amide \* gammapyridinecarboxamide
- ⇒ 4-pyridinecarboxamide (9ci) \*

### 3. HAZARDS IDENTIFICATION

Label precautionary statements

- ⇒ Irritant
- ⇒ Irritating to eyes, respiratory system and skin.
- ⇒ In case of contact with eyes, rinse immediately with plenty of
- ⇒ Water and seek medical advice.
- ⇒ Wear suitable protective clothing.

#### **4. FIRST AID MEASURES**

- ⇒ In case of contact, immediately flush eyes with copious amounts of
- ⇒ Water for at least 15 minutes.
- ⇒ In case of contact, immediately wash skin with soap and copious
- ⇒ Amounts of water.
- ⇒ If inhaled, remove to fresh air. If not breathing give artificial
- ⇒ Respiration. If breathing is difficult, give oxygen.
- ⇒ If swallowed, wash out mouth with water provided person is conscious.
- ⇒ Call a physician.
- ⇒ Wash contaminated clothing before reuse.

#### **5. FIRE FIGHTING MEASURES**

- ⇒ Extinguishing media
- ⇒ Water spray.
- ⇒ Carbon dioxide, dry chemical powder or appropriate foam.
- ⇒ Special firefighting procedures
- ⇒ Wear self-contained breathing apparatus and protective clothing to
- ⇒ Prevent contact with skin and eyes.
- ⇒ Unusual fire and explosions hazards
- ⇒ Emits toxic fumes under fire conditions.

#### **6. ACCIDENTAL RELEASE MEASURES**

- ⇒ Wear self-contained breathing apparatus, rubber boots and heavy
- ⇒ Rubber gloves.
- ⇒ Sweep up, place in a bag and hold for waste disposal.
- ⇒ Avoid raising dust.
- ⇒ Ventilate area and wash spill site after material pickup is complete.

#### **7. HANDLING AND STORAGE**

Refer to section 8.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- ⇒ Chemical safety goggles.
- ⇒ Rubber gloves.
- ⇒ Niosh/msha-approved respirator.
- ⇒ Safety shower and eye bath.
- ⇒ Mechanical exhaust required.
- ⇒ Avoid contact and inhalation.
- ⇒ Do not get in eyes, on skin, on clothing.
- ⇒ Wash thoroughly after handling.
- ⇒ Irritant.
- ⇒ Keep tightly closed.
- ⇒ Store in a cool dry place.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

- ⇒ Appearance and odor
- ⇒ White powder
- ⇒ Physical properties
- ⇒ Melting point: 155 c to 157 c

## **10. STABILITY AND REACTIVITY**

- ⇒ Chemical stability: incompatibilities
- ⇒ Strong oxidizing agents
- ⇒ Strong bases
- ⇒ Hazardous combustion or decomposition products
- ⇒ Toxic fumes of:
- ⇒ Carbon monoxide, carbon dioxide
- ⇒ Nitrogen oxides

## **11. TOXICOLOGICAL INFORMATION**

- ⇒ Acute effects
- ⇒ May be harmful by inhalation, ingestion, or skin absorption.
- ⇒ Causes eye and skin irritation.
- ⇒ Material is irritating to mucous membranes and upper
- ⇒ Respiratory tract.
- ⇒ To the best of our knowledge, the chemical, physical, and
- ⇒ Toxicological properties have not been thoroughly investigated.

- ⇒ Rtecs #: nr9500000
- ⇒ Isonicotinamide
- ⇒ Only selected registry of toxic effects of chemical substances
- ⇒ (rtecs) data is presented here. See actual entry in rtecs for
- ⇒ Complete information.

## 12. ECOLOGICAL INFORMATION

NOT YET AVAILABLE.

## 13. DISPOSAL CONSIDERATIONS

- ⇒ Dissolve or mix the material with a combustible solvent and burn in a
- ⇒ Chemical incinerator equipped with an afterburner and scrubber.
- ⇒ Observe all federal, state and local environmental regulations.

## 14. TRANSPORTATION INFORMATION

## 15. REGULATORY INFORMATION

- ⇒ European information
- ⇒ Irritant
- ⇒ R 36/37/38
- ⇒ Irritating to eyes, respiratory system and skin.
- ⇒ S 26
- ⇒ In case of contact with eyes, rinse immediately with plenty of
- ⇒ Water and seek medical advice.
- ⇒ S 36
- ⇒ Wear suitable protective clothing.
- ⇒ Reviews, standards, and regulations
- ⇒ Oel=mak
- ⇒ Epa tsca section 8(b) chemical inventory

## 16. ADDITIONAL INFORMATION

**MSDS Creation Date:** 4/22/1998

**MSDS Revision Date:** 8/02/2000

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