



**MATERIAL SAFETY DATA SHEET FOR
ISONICOTINIC ACID**

Section 1 – Chemical product and company Identification

MSDS Name: ISONICOTINIC ACID
Synonyms: Pyridine 4 Carboxylic Acid, Isoniacin

Section 2 – Composition, Information on Ingredients

CAS#	Chemical Name	Percent	EINECS/ELINCS
55-22-1	ISONICOTINIC ACID	100%	207-872-3

HAZARD Symbols : None listed.
Risk phrases: None listed.

Section 3 – Hazards Identification

EMERGENCY OVERVIEW

Appearance: White powder. The toxicological properties of this material have not been fully investigated. May cause eye and Skin irritation. May cause respiratory and digestive tract irritation.

Target Organs: None.

Potential Health Effects

Eye: May cause eye irritation. The toxicological properties of this material have not been fully investigated.

Skin: May cause skin irritation. The toxicological properties of this material have not been fully investigated.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated

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 and flush skin with plenty of water for at least 15 minutes while removing contaminated Clothing and shoes. Wash clothing before reuse.

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: 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 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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Medical: Use agent most appropriate to extinguish fire.

Use water spray, dry chemical, carbon dioxide, or appropriate foam.

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 Measure

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

Spills/Leaks: Clean up spills immediately, observing precaution in the protective equipment section. Sweep up or absorb material, then place into a suitable clean, dry closed container for disposal. 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: Store in tightly closed container. Store in a cool, dry, well-Ventilated area away from incompatible area away from incompatible substances

Section 8 – Exposure Controls, Personal Protection

Engineering Controls : Use adequate ventilation to keep airborne Concentrations low. Exposure Limits

Chemical name	ACGIH	NIOSH	OSHA – Final
PELs			
ISONICOTINIC ACID	NONE LISTED	NONE LISTED	NONE LISTED

OSHA Vacated peels: Is nicotinic Acid: NO OSHA Vacated PELs are listed for this chemical.
Personal Protective Equipment.

Eyes: Wear appropriate protective eyeglass to chemical safety goggles as described by OSHA's eye and face protection regulations.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations.

Section 9 – Physical and Chemical property

Physical state : Powder

Appearance : White

Odor: None reported.

PH: 1 %W/V solution in distilled water is 3 to 4

Vapor Pressure : Not available.

Vapor Density : Nit available.

Boiling point : Not available.

Freezing/Melting point : 310 to 319

Decomposition Temperature: Not available.

Solubility : Sparingly soluble.

Specific Gravity/Density : C6H5NO2

Molecular Weight : 123.16

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal temperature and pressures.

Conditions to avoid: Incompatible materials, strong oxidizing agents.

Hazardous Decomposition products: Nitrogen oxides, carbon dioxide, irritating
And toxic fumes and gases, carbon dioxide, nitrogen.

Hazardous polymerization: Has not been reported.

Section 11 – Toxicological Information.

RTECS# :

CAS#55-22-1

LD50/LC50 :

Not available.

Carcinogenicity :

CAS# 55-22-1 : Not listed by ACGIH, IARC, NIOSH, NTP, or

OSHA.

Epidemiology : No information available.

Teratogenicity : No information available.

Reproductive Effects. No information available.

Neurotoxicity : No information available.

Mutagenicity : No information available.

Other studies : No data available.

Section 12 – Ecological Information.

No information available.

Section 13 – Ecological Information.

Chemical waste generators must determine whether a discarded chemical is classified as A hazardous waste. Waste generators must consult state and local hazardous waste Regulations to ensure complete and accurate classification.

Section 14 – Transport Information.

Land, Rail/Road	: Not Restricted.
Sea	: Not Restricted.
Air	: Not Restricted.

Section 15 – Regulatory Information.

Chronic Health Hazard	: No
Acute Health Hazard	: No
Fire Hazard	: No
Sudden pressure	: No
Reactivity Hazard	: No

Section 16 – Other Information.

This product is intended for manufactures use only.