

## Material Safety Data Sheet

### Section 1 –Chemical Product and company identification

Product Identification : **2-Chloronicotinic Acid 99.5%**

Company Identification : QUZHOU HENGSHUN CHEMICAL INDUSTRIAL CO.,LTD  
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### Section 2 - Composition/Information on Ingredients

Chemical name	assay	CAS NO.	EINECS#
2-Chloronicotinic Acid	99.5%	2942-59-8	220-937-0

### SECTION 3 - HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

XI Irritant

#### Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause skin irritation. May be harmful if absorbed through the skin.

Ingestion:

May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation:

May cause respiratory tract irritation. May be harmful if inhaled.

Chronic:

Not available.

### 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.

Skin:

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

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.

Notes to Physician:

## SECTION 5 - FIRE FIGHTING MEASURES General Information

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.

## SECTION 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.

## SECTION 7 - HANDLING AND STORAGE

Handling:

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:

Store in a cool, dry place. Store in a tightly closed container

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Personal Protective Equipment

Eyes:

Wear safety glasses and chemical goggles if splashing is possible.

Skin:

Wear appropriate protective gloves and clothing 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.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Color:	white to cream
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity :	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	175 deg C
Autoignition Temperature:	Not available.
Flash Point:	Not available.
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	176-178 deg C
Solubility in water:	
Specific Gravity/Density:	
Molecular Formula:	C6H4ClNO2
Molecular Weight:	157.56

## SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials:

Strong oxidizing agents.

Hazardous Decomposition Products:

Hydrogen chloride, nitrogen oxides, carbon monoxide, carbon dioxide.

Hazardous Polymerization:

Has not been reported.

#### SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 2942-59-8 unlisted.

LD50/LC50:

Not available.

Carcinogenicity:

2-CHLORONICOTINIC ACID -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

#### SECTION 12 - ECOLOGICAL INFORMATION

Not Available

#### SECTION 13 - DISPOSAL CONSIDERATIONS

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

#### SECTION 14 - TRANSPORT INFORMATION

IATA

No information available.

IMO

No information available.

RID/ADR

No information available.

#### SECTION 15 - REGULATORY INFORMATION.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

Not available.

Risk Phrases:

safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 2942-59-8: No information available.

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 2942-59-8 is listed on Canada's DSL List.

CAS# 2942-59-8 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# 2942-59-8 is listed on the TSCA inventory.

#### SECTION 16 other 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.