



1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : 2-Acetamidopyridine-5-boronic acid pinacol ester
Catalog Number : A1007
Synonym : N-[5-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)-2-pyridyl]acetamide
Brand : Northernchem
Product Use : For laboratory research purposes
Manufacturer : Northernchem Inc.
 8485 Montrose Rd., Niagara Falls, Ontario, CANADA L2H 3L7
 Phone : +1(905) 353-1500
 Fax : +1(289) 975-5138
Supplier : Northernchem Inc.
 8485 Montrose Rd., Niagara Falls, Ontario, CANADA L2H 3L7
 Phone : +1(905) 353-1500
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Emergency Phone : +1(905) 650-1938

2. HAZARDS IDENTIFICATION

WHMIS Classification

D2B Toxic Material Causing Other Toxic Effects Moderate skin irritant
 Moderate respiratory irritant
 Moderate eye irritant

GHS Classification

Skin irritation Category 2
Eye irritation Category 2A
Specific target organ toxicity - single exposure Category 3

GHS Label Elements, Including Precautionary Statements

Pictogram



Signal Word Warning

Hazard Statement(s)

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary Statement(s)

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

HMIS Classification

Health Hazard 2

Chronic Health Hazard	*
Flammability	0
Physical Hazards	0

NFPA Rating

Health Hazard	No data available
Fire	No data available
Reactivity Hazard	No data available

Potential Health Effects

Inhalation	: May be harmful if inhaled. Causes respiratory tract irritation.
Skin	: May be harmful if absorbed through skin. Causes skin irritation.
Eyes	: Causes eye irritation.
Ingestion	: May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula	: C ₁₃ H ₁₉ BN ₂ O ₃
Molecular Weight	: 262.11 g/mol
CAS-No.	: 904326-87-0
EC-No.	: No data available
Purity	: >98%

4. FIRST AID MEASURES

General Advice	: Consult a physician. Show this SDS to the physician in attendance. Move out of dangerous area.
Inhalation	: Remove from exposure and move to fresh air immediately.
Skin Contact	: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye Contact	: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Ingestion	: Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupful of milk or water.

5. FIREFIGHTING 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 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	:	Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

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 well closed container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering control 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 w emergency escape provisions.
Hygiene Measures	:	No data available
Workplace Control Parameters	:	No data available

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Solid
Colour	:	No data available
pH	:	No data available
Melting Point/Freezing Point	:	130 - 134 °C (266 - 273 °F)
Boiling Point	:	No data available
Flash Point	:	No data available
Ignition Temperature	:	No data available
Autoignition Temperature	:	No data available
Lower Explosion Limit	:	No data available
Upper Explosion Limit	:	No data available
Vapour Pressure	:	No data available
Density	:	No data available
Water Solubility	:	No data available
Partition Coefficient (n-octanol/water)	:	No data available

Relative Vapour Density	:	No data available
Odour	:	No data available
Odour Threshold	:	No data available
Evaporation Rate	:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	:	Stable under normal temperatures and pressures
Possibility of Hazardous Reactions	:	No data available
Conditions to Avoid	:	Incompatible materials, strong oxidants
Materials to Avoid	:	Strong oxidizing agents, strong bases
Hazardous Decomposition Products	:	Nitrogen oxides, carbon monoxide, irritating and toxic fumes and gases, carbon dioxide, nitrogen.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Oral LD₅₀	:	No data available
Inhalation LC₅₀	:	No data available
Dermal LD₅₀	:	No data available
Other Information	:	No data available

Skin Corrosion/Irritation

No data available

Serious Eye Damage/Eye Irritation

No data available

Respiratory or Skin Sensitisation

No data available

Germ Cell Mutagenicity

No data available

Reproductive Toxicity

No data available

Teratogenicity

No data available

Specific Target Organ Toxicity (Single Exposure)

No data available

Specific target Organ Toxicity (Repeated Exposure)

No data available

Aspiration Hazard

No data available

Signs and Symptoms of Exposure

No data available

Synergistic Effects

No data available

Additional Information

No data available

12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to Fish : No data available

Toxicity to Daphnia and other : No data available

Aquatic Invertebrates

Toxicity to Algae : No data available

Persistence and Degradability

Biodegradability : No data available

Bioaccumulative Potential

No data available

Mobility in Soil

No data available

PBT and vPvB Assessment

No data available

Other Adverse Effects

May be harmful to the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

WHMIS Classification

No data available

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

information contained in this SDS is believed to be correct at the time of revision and is subject to change without notice as new information is made available. The information should be used as a guide for safe handling, use, processing and storage. It does not guarantee any of the properties of the product. It is the user's responsibility to request updated SDS as required. Northernchem Inc. and its affiliates shall not be held liable for any damage resulting from handling or contact with the product. For proper handling and disposal, always comply with federal, provincial, and local regulations. For more information please visit www.northerncheminc.com.

