Safety Data Sheet

Aspira Scientific
521 Cottonwood Dr.
Milpitas, CA 95035
408.571.1100
techsupport@aspirasci.com
www.aspirasci.com

Section 1: Product Identification

Product Identifiers

Product Name: 2-Fluoropyridine-3-boronic acid, 97%

Product #: 300189

CAS #: 174669-73-9

Identified uses of the substance or mixture and uses advised against

Identified Uses: Laboratory chemicals, Synthesis of substances

Details of the supplier of the safety data sheet

Company: Aspira Scientific, Inc.
521 Cottonwood Dr.
Milpitas, CA, 95035, USA

Telephone: 1 408-571-1100

Fax: 1 408-571-1100

Emergency telephone number

Emergency phone number: 1 408-571-1100

Section 2: Hazards Identification

Classification of the substance or mixture

GHS classification in accordance with 29 CFR 1910 (OSHA HCS)

Skin irritation (Category 2), H315 Eye irritation (Category 2A), H319 Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

GHS Label elements, including precautionary statements

Pictogram:

Signal word: Warning

Hazard codes: H315-H319-H335

Hazard statements: Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.

Precautionary codes: P261-P280-P305+P351+P338-P304+P340-P405-P501A

Precautionary statements: Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC) or not covered by GHS: None

Section 3: Composition and Information on Ingredients

Substance

Ingredient: Title Compound

Formula: C5H5BFNO2

Molecular weight: 140.91

CAS #: 174669-73-9

EC #: No data available.

Section 4: First Aid Measures

Eye Exposure: Immediately rinse eyes with water for at least 10-15 minutes. Keep eye lids open if needed. Seek physician assistance immediately. Show this safety data sheet to the doctor in attendance.

Skin Exposure: Immediately wash the affected area with soap and water. Remove contaminated clothing if needed and wash before reuse. Seek physician assistance immediately. Show this safety data sheet to the doctor in attendance.

Inhalation: Keep affected individual warm and at rest in a comfortable position with access to fresh air. Closely monitor for signs of respiratory problems. Seek physician assistance immediately. Show this safety data sheet to the doctor in attendance.

Ingestion: Rinse mouth out with water. Do not give anything by mouth if affected individual is unconscious. Immediately seek physician assistance. Call poison center if needed. Show this safety data sheet to the doctor in attendance.

Section 5: Fire Fighting Measures

Extinguishing Medium: Carbon dioxide, dry power, or foam.

Fire Fighting Procedures: Fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

Hazardous Combustion and Decomposition Products: The product may emit toxic fumes if involved in a fire.

Section 6: Accidental Release Measures

Spill and Leak Procedures: Keep unprotected persons away. Small spills can be mixed with vermiculite or sodium carbonate and sweep up without creating dust. Keep away from ignition sources. Then place into a suitable disposal container and dispose of according to government regulations.

Section 7: Handling and Storage

Handling and Storage: Store in a tightly sealed container. Keep in a cool dry place away from heat and direct sunlight. Ensure good ventilation at the workplace.

Section 8: Exposure Controls and Personal Protection

Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

Eye Protection: Always wear approved safety glasses / face protection when handling a chemical substance in the laboratory. Remove contact lenses if possible.

Skin Protection: Wear protective clothing, gloves or face protection. Use government-approved equipment under appropriate standards. Inspect before use. Consult with glove manufacturer to determine the proper type of glove.

Ventilation: Always handle the material in an efficient fume hood.

Respirator: Use a respirator if ventilation is not available. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 1910.134.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Color and Form: white solid

Melting Point: 274-283 °C

Boiling Point: No data available.

Flash Point: No data available.

Density: No data available.

Vapor Density: No data available.

Vapor Pressure: No data available.

Autoignition Temperature: No data available.

Specific Gravity: No data available.

Odor: No data available.

Solubility in Water: No data available.

Section 10: Stability and Reactivity

Stability: Stable under recommended storage conditions.

Hazardous Reactions: No data available.

Conditions to Avoid: Handle the material according to specifications.

Incompatibility: Oxidizing agents.

Decomposition Products: Carbon oxides, borane/boron oxides, hydrogen fluoride, nitrogen oxides, organic fumes.

Section 11: Toxicological Information

Carcinogenic Effects: No data available.

Mutagenic Effects: No data available.

Tetratogenic Effects: No data available.

RTECS Data: No information available in the RTECS files.

Section 12: Ecological Information

Ecological Information: No data available.

Section 13: Disposal Considerations

Disposal: Dispose material according to local, state and federal regulations.

Section 14: Transportation

DOT (US): UN number: 3261; Class: 8; Packing group: III. Proper shipping name: Corrosive solid, acidic, organic, n.o.s. (2-Fluoropyridine-3-boronic acid). Reportable Quantity (RQ): No data available. Marine pollutant: No. Poison Inhalation Hazard: No.
IMDG: UN number: 3261; Class: 8; Packing group: III. Proper shipping name: Corrosive solid, acidic, organic, n.o.s. (2-Fluoropyridine-3-boronic acid). Marine pollutant: No.
UN ID Number (IATA): UN number: 3261; Class: 8; Packing group: III. Proper shipping name: Corrosive solid, acidic, organic, n.o.s. (2-Fluoropyridine-3-boronic acid).

Section 15: Regulatory Information

TSCA: Not listed in the TSCA inventory.
SARA (Title 302): Substance not listed
SARA (Title 313): Substance not listed
SARA 311/312 Hazards: Acute Health Hazard
Massachusetts Right to Know Components

	CAS-No.
2-Fluoropyridine-3-boronic acid	174669-73-9

Pennsylvania Right To Know Components

	CAS-No.
2-Fluoropyridine-3-boronic acid	174669-73-9

New Jersey Right To Know Components

	CAS-No.
2-Fluoropyridine-3-boronic acid	174669-73-9

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

Disclaimer: The information above is believed to be accurate and represents the information currently available to Aspira Scientific. However, we make no representation, warranty, or guarantee of any kind with respect to the information contained in this document or any use of the product based on this information.

Publication Date: 18-Jan-2016

Revision Date: 18-Jan-2016