

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name : 2-Acetamidophenylboronic acid pinacol ester
Catalog Number : A1005
Synonym : 2'-(4,4,5,5-Tetramethyl-1,3,2-dioxaborolan-2-yl)acetanilide
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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2. HAZARDS IDENTIFICATION**WHMIS Classification**

Not WHMIS controlled.

Not a dangerous substance according to GHS.

GHS Classification

No data available

GHS Label Elements, Including Precautionary Statements

No data available

Precautionary Statement(s)

No data available

HMIS Classification**Health Hazard** 0**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. May cause respiratory tract irritation.**Skin** : May be harmful if absorbed through skin. May cause skin irritation.

Eyes : May cause eye irritation.
Ingestion : May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : C₁₄H₂₀BNO₃
Molecular Weight : 261.12 g/mol
CAS-No. : 380430-61-5
EC-No. : No data available
Purity : >98%

4. FIRST AIDS MEASURES

General Advice : Consult a physician. Show this SDS to Physician in attendance. Move out of dangerous area.
Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact : Wash off with soap and plenty of water. Consult a physician.
Eye Contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Condition of Flammability : Not flammable or combustible.
Suitable Extinguishing Media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific Hazards Arising from the Chemical : No data available
Special Protective Equipment for Firefighters : Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous Combustion Products : Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO_x), Borane/boron oxides
Explosion Data – Sensitivity to Mechanical Impact : No data available
Explosion Data – Sensitivity to Static Discharge : No data available
Further Information : No data available

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Avoid dust formation. Avoid breathing vapors, mist or gas.
Environmental Precautions : Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and Materials for Containment and Cleaning Up : Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

- Precautions for Safe Handling** : Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
- Conditions for Safe Storage** : Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Respiratory** : Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- Hand** : Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
- Eyes** : Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
- Skin and Body** : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Hygiene Measures** : General industrial hygiene practice.
- Engineering Controls** : Use mechanical exhaust or laboratory fumehood to avoid exposure.
- 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** : Melting point/range: 172 - 176 °C (342 - 349 °F) - lit.
- 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 recommended storage conditions.
Possibility of Hazardous Reactions	:	No data available
Conditions to Avoid	:	No data available
Materials to Avoid	:	Strong oxidizing agents
Hazardous Decomposition Products	:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Borane/boron oxides

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

Carcinogenicity

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

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
RTECS: Not available

12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to Fish : No data available
Toxicity to Daphnia and other Aquatic Invertebrates : No data available
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

No data available

13. DISPOSAL CONSIDERATIONS

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

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

Not WHMIS controlled.

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

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