4-Formylphenylboronic acid (cas 87199-17-5) MSDS

Optima Chemical Group LLC Revision : 1 Product Name: 4 ?? Formylphenylboronic Acid of 3 Material Safety Data Sheet Effective Date: 4/04
Company: Optima Chemicals Group, LLC
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Section I. Identification of Product.

Substance: 4 ?? Formylphenylboronic Acid
Trade Names/Synonyms: None
CAS Number: 87199-17-5
Molecular Formula: HOC6H4B(OH)2 Molecular Weight: 149.94
DOT Shipping Name: 4 - Formylphenylboronic Acid , Non-Hazardous.
DOT Hazardous Class: Not Regulated

Section II. Hazardous Ingredients.

Name % OSHA-PEL ACGIH-TLV
None NA NA

Section III. Physical Data and Characteristics

Appearance and Odor: Light yellow powder, essentially no odor.
Melting Point: 237 ?? 242 degrees C
Boiling Point: Unknown
Flash Point: NA
Vapor Pressure: (mm Hg at): NA
Specific Gravity (H2O = 1): NA pH: N/A
Water Solubility: Unknown

Section IV. Fire and Explosion Data.

Fire Extinguishing Agents Recommended: Water Fog, CO2, dry chemical powder, or appropriate foam.
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Fire Extinguishing Agents to Avoid: None
Special Fire fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Unusual Fire and Explosion Hazards: May emit irritating fumes under fire conditions.

Section V. Health Hazard Data and First Aid Procedures

Inhalation: Irritating to respiratory tract. Remove individual to fresh air. If breathing is
difficult administer oxygen, and seek medical attention.

Ingestion: May be highly irritating to the gastrointestinal tract. Seek medical attention.

Skin: Can produce irritation. Immediately flush skin with copious amounts of water. If redness or rash persist, seek medical attention.

Eyes: Will cause irritation and possible damage to the eyes. Immediately flush eyes with copious amounts of water for at least 15 minutes. Seek medical attention.

Unusual Chronic Toxicity: None known.

Toxicity Information: None Available

Section VI. Reactivity Data.

Stability: stable under normal handling conditions.

Incompatibility: Avoid strong acids.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: None expected.

Conditions to Avoid: Acids, Strong oxidizing agents.

Section VII. Environmental

Large Spills: Contain the spill, wet the material with a light water spray, and place into appropriate containers for disposal.

Small Spills: Contain the spill, wet the material with a light water spray, and place into appropriate containers for disposal.

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The material is Non-Hazardous, however, disposal should be done only through an approved waste disposal facility.

SARA Title III Reporting Requirements:

Section 311/312 Inventory Reporting Hazard Categories: Acute

Section 313 Release Reporting: Reporting not required.

Reportable Quantity: Not Applicable

Section VIII. Special Protective Information.

Respiratory Protection: Wear approved respiratory protection to protect against inhalation of dust particles.

Eyes and Face: Chemical safety goggles, cleaned daily.

Hands, Arms, and Body: Rubber gloves and apron or protective suit to avoid skin contact.

Other Clothing and Equipment: NA

Section IX. Special Precautions.

Precautions to be taken in handling and storing: Protect against physical damage. Store in a cool, dry, well ventilated place. Keep containers closed.

Normal Handling: Open carefully and avoid generation of dust particles.

Observe all Federal, State and local regulations when storing, processing, or otherwise
using this product.

Other Information: NA Creation Date: 2/22/01

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