

Date: Mar.11th, 2024

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Identification of the substance

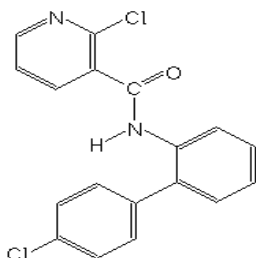
Product name: Boscalid 98% TC

Common name: Boscalid

Chemical name: 2-chloro-N-(4'-chlorobiphenyl-2-yl)nicotinamide

CAS RN: [188425- 85-6]

Structural formula:



1.2 Identification of the supplier

Company name: HEBEI JRAIN TECHNOLOGY CO.,LTD.

Address: No. 66 XIANGTAI ROAD, YUHUA DISTRICT, SHIJIAZHUANG CITY,
HEBEI PROVINCE,CHINA

Phone: +0086-311-80680379

Fax: +0086-311-80680379

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Concentration
Boscalid	[188425- 85-6]	98% min
Other non-hazard ingredients	---	Balance to 100%

3. HAZARD IDENTIFICATION

Symptoms of Acute Exposure: Causes eye and skin irritation. Toxic if swallowed or

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absorbed through the skin. Allergic skin reactions are possible. Hazardous Decomposition Products: Can decompose at high temperatures forming toxic gases. Unusual Fire, Explosion and Reactivity Hazards During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

4. FIRST AID MEASURES

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Then call a doctor.

Eye Contact: If present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

5. FIRE FIGHTING MEASURES

Unusual Fire, Explosion and Reactivity Hazards: During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

In Case of Fire: Use dry chemical, foam or CO₂ extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff.

Flammability: Not Flammable

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak: Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately. Cover entire spill with absorbing material and place into compatible disposal container. Scrub area with hard water detergent (e.g. commercial products). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

7. HANDLING AND STORAGE

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Ingestion: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Eye Contact: Where eye contact is likely, use chemical splash goggles. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Skin Contact: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form: White powder

Melting Point: 142.8-143.8°C.

Vapor pressure: 7.2×10^{-4} mpa (20°C)

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Flash point: Not applicable

Flammability: Non flammable

Autoflammability: Not applicable

Explosion hazard: Not applicable

Oxidizing properties: Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable under normal use and storage conditions.

Hazardous Polymerization: Will not occur.

Materials to Avoid: Oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute oral LD₅₀ (rats): > 5000mg/kg

Inhalation LC₅₀ (4hs for rats): > 6.7mg/l

Skin contact: not irritant (rabbits)

Eye contact: not irritant (rabbits)

12. ECOTOXIOLOGY INFORMATION

Fish LC₅₀ (96h) for rainbow trout: >2.7 mg/l

Bees LD₅₀ (oral): 166µg a.i./bee

Bees LD₅₀ (contact): 200µg a.i./bee

Worms LC₅₀: >1000mg/kg dry soil

13. DISPOSAL CONSIDERATIONS

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

14. TRANSPOT INFORMATION

UN No.: 3077

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Class and label: 9

Packaging group: PG III

15. REGULATORY INFORMATION

Not applicable.

16. OTHER INFORMATION

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained.

End of MSDS

HEBEI JRRAIN TECHNOLOGY CO.,LTD.