



Hangzhou Tianlong Biotechnology Co., Ltd.

Add: Room 1906, Fengqi Times Tower, No.338, Fengqi East Road, Hangzhou, Zhejiang, China.

MATERIAL SAFETY DATA SHEET

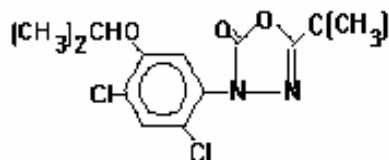
1. Chemical Product and Company Identification

Product Name: Oxadiazon

Molecular Formula: C₁₅H₁₈O₃N₂Cl₂

Molecular Weight: 345.2

Structural Formula:



Chemical Name: 5-tertbutyl-3-(2, 4-dichloro-5-isopropoxyphenyl)-1, 3, 4-oxadiazoline-2-ketone

CAS No.: 19666-30-9

Supplier: HANZHOU TIANLONG BIOTECHNOLOGY CO., LTD

Address: Room 1906, Fengqi Times Tower, No.338 Fengqi East Road, Hangzhou, China, 310020

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2. Composition / Information on Ingredients

Composition	CAS No.	Content %
Oxadiazon	19666-30-9	95.0
Other ingredients		5.0

3. Hazards Identification

Warning! Causes skin and eye irritation. Harmful if inhaled, swallowed or absorbed through skin.

4. First Aid Measures

Skin: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. Remove contaminated clothing and launder before reuse.

Eyes: For eye contact, immediately flush eyes for at least 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire eye surface and lids with water. Get immediate medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.

Note to physicians: No specific antidote. Treatment based on sound judgment of physician and individual reactions of patient.

5. Fire-Fighting Measures

Extinguishing Media: Use media proper to primary cause of fire.

Fire Fighting Instructions: Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

6. Accidental Release Measures

Procedures In Case Of Spill Or Leak: Sweep or gather up material and place in proper container for disposal or recovery. Avoid runoff to natural waters.

7. Handling and Storage

Store in a cool, dry location away from incompatible materials. Keep away from food and feed products. Avoid contact with skin and eyes. Do not reuse this container.

8. Exposure Controls/Personal Protection

Engineering Controls: Use in a well ventilated area.

Personal Protective Equipment:

To avoid eye and skin contact, wearing the following personal protective clothing and equipment is recommended:

Eyes: Safety goggles or face shield

Clothing: Cotton overalls buttoned to the neck and wrist and a washable hat.

Gloves: Elbow length PVC gloves.

Respiratory: Respiratory protection is not normally required. If airborne concentrations are likely to exceed the exposure standard above, an AS/NZS 1715/1716 approved respirator should be worn.

Other: After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, goggles or face shield and contaminated clothing.

9. Physical and Chemical Properties

Appearance: White powder

Vapor Pressure: <0.1mPa@20°C

Melting Point: 88-90°C

Acidity: ≤0.3%

Solubility: 0.7mg/l in Water, 600g/l in acetone, hyponone, 1kg/l in benzene,

10. Stability and Reactivity

Chemical Stability: Stable

Conditions To Avoid: None known.

Incompatibility: Avoid contact with acidic, basic or oxidizing agents.

Hazardous Decomposition Products: Hydrogen chloride. Aldehydes. Carbon dioxide. Carbon monoxide. Oxides of nitrogen.

11. Toxicological Information

Acute Oral LD₅₀ (mg/kg): >5,000 (rat)

Acute Dermal LD₅₀ (mg/kg): >2,000 (rabbit)

Acute Inhalation LC₅₀ (mg/l): >2.77 (rat)

Skin: Slight irritation (rabbit).

Eye: Mild eye irritation (rabbit).

Sensitization: Non-sensitizing (guinea pig).

Chronic toxicity: Oxadiazon caused liver effects in chronic studies in rats, mice and dogs.

12. Ecological Information

Aquatic toxicity: 96 hour LC₅₀ for Rainbow Trout >9.0 ppm; 48-hour LC₅₀ for Daphnia magna: 2.18ppm

Bird toxicity: Mallard acute oral LD₅₀(24d) >1000mg/kg; Quail acute oral LD₅₀ (24) >2150mg/kg

Bee oral LD₅₀ >400 g/bee

Not toxic to earthworm

13. Disposal Considerations

Disposal should be made in accordance with federal, provincial and local regulations.

14. Transport Information

Class: 9

UN NO.: 3077

Packing group: III

15. Regulatory Information

Keep locked up out of reach of children and other, unauthorized persons. Keep away from food, drink and animal feeding stuffs.

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Do not get in eyes, on skin or on clothing. Do not breathe dust, vapor or spray mist.

In case of accident or if you feel unwell, seek medical advice immediately.

This material and its container must be disposed of in a safe way.

Do not contaminate any body of water.

16. Other Information

All information and instructions provided in this Material Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at

the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.