



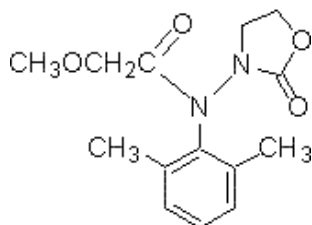
Hangzhou Tianlong Biotechnology Co., Ltd.

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: Oxadixyl
Molecular Formula: C₁₄H₁₈N₂O₄
Molecular Weight: 278.3
Structural Formula:



Chemical Name: 2-methoxy-N-(2-oxo-1,3-oxazolidin-3-yl)aceto-2',6'-xylidide
CAS No.: 77732-09-3

Supplier: HANZHOU TIANLONG BIOTECHNOLOGY CO., LTD

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

Tel: 0086-571-87214516

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2. Composition / Information on Ingredients

Composition	CAS No.	Content %
Oxadixyl	77732-09-3	95.0
Other ingredients		5.0

3. Hazards Identification

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First Aid Measures

General: In case of indisposition place the patient in a well-ventilated area and protect from hypothermia. In case of suspected poisoning: Immediately call a physician.

Eye Contact: Rinse eyes with clean water for several minutes and immediately call a physician.

Ingestion: Repeatedly administer medicinal charcoal in a large quantity of water.

Note: Never give anything by mouth to an unconscious person. Do not induce vomiting.

Skin Contact: Remove contaminated clothing and thoroughly wash the affected parts of the body with soap and water.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Dry chemical extinguisher, foam, carbon dioxide or waterspray (do not use direct jet of water).

Special Hazards during Fire Fighting: Combustion products are toxic and/or irritant. Measures have to be taken to prevent the contaminated extinguishing agent from seeping into the ground or from spreading uncontrollably.

Protective Equipment for Fire Fighting: Use self-contained breathing apparatus. Wear protective equipment.

6. Accidental Release Measures

Personal cautions: Safety glasses or goggles, rubber gloves, shoes plus socks, long-sleeved shirt, and long pants.

Environmental Protection Measures following Accidents: Collect product and dispose of in an incinerator approved for chemicals. Dampen solid material carefully to prevent it being blown away. Collect material in specially marked, tightly closing containers. Spilled product cannot be used further and must be disposed of. If safe disposal is not possible, contact the manufacturer, the dealer or the local representative. Do not contaminate waters and sewers.

7. Handling and Storage

Handling information: Avoid contact with skin, eyes and clothing. Avoid inhalation of dust. Do not eat, drink or smoke while working. In addition to the measures usually taken in chemical works like dustproof filling and measuring equipment (including dust extraction), further personal protection measures may have to be implemented to avoid possible contact with the product.

Special Instructions for Storage: Store the product in closed original containers. Protect from light and humidity. Store separately from feed, food and stimulants.

Storage Temperatures: Maximum: 35°C. Minimum: -10 °C.

8. Exposure Controls/Personal Protection

In all other cases, use the following

Personal Protective Equipment:

In General: Change working clothes daily.

Breathing Protection: In case of heavy exposure, wear: Dust mask.

Eye Protection: Goggles.

Hand Protection: Chemical-resistant gloves.

Body Protection: Heavy duty cotton or synthetic fabric working clothes (e.g.

overalls).

Precautionary measures after work: Wash thoroughly (shower, bathe, wash hair). Change clothing. Thoroughly clean protective gear. Thoroughly clean contaminated equipment with soap or soda solution.

9. Physical and Chemical Properties

Appearance: light yellow or dust yellow powder.

PH: (20 °C) (at 10 g/l H₂O) 6

Vapor pressure: 0.0033mPa@20°C

Flash point: Not applicable.

Autoignition temperature: 360 °C

Explosive properties: no data available

Melting point: 104-105°C

Relative density: 0.5kg/l

Partition coefficient: KowlogP=0.65-0.8@ (22-24°C)

Water solubility: 3.4g/kg@25°C

Stability: Stable in water 13 mg/L at 25°C , soluble in acetone 340 g/l, methanol 112 g/l, ethanol 500 g/l.

10. Stability and Reactivity

Chemical Stability Assessment: Stable under standard conditions.

Sensitivity: Not sensitive to humidity. Not sensitive to air. Thermally not sensitive. Not sensitive to light.

11. Toxicological Information

Acute Oral Toxicity LD50 (rat): male 3480 mg/kg , female 1860mg/kg

Acute Dermal Toxicity LD50: > 2000 mg/kg (rat)

Acute inhalation LC50 (rat, 6h) :> 5.6mg/l

Acute Skin Irritation: Non irritant (rabbit)

Acute Eye Irritation: Non irritant (rabbit)

Skin Sensitisation: Not sensitising (guinea pig)

12. Ecological Information

Acute Toxicity to Fish LC50 (96h, mg/l):

Rainbow >320, carp >300, bluegill 360

Growth Inhibition, Algae EC50: ca 20 mg/l (Scenedesmus subspicatus (green algae); 72 h)

Toxicity to Aquatic Invertebrates EC50: ca 20 mg/l (Daphnia magna (water flea); 48 h)

13. Disposal Considerations

Product Disposal: Pay attention to protective clothing and measures. Dampen solid material carefully to prevent it being blown away. Collect material in specially marked, tightly closing containers. Clean dirty areas with water and detergent. Put washing water in containers too, to avoid any

contamination of surface and ground water, water supplies and drains. Hose down the area for a prolonged period. Heavily contaminated soil layers have to be dug out down to clean soil. Spilled product cannot be used further and must be disposed of. If safe disposal is not possible, contact the manufacturer, the dealer or the local representative and dispose of in an incinerator approved for chemicals.

Container Disposal: Dispose of empty containers in an incinerator approved for chemicals.

Damaged containers: Place original containers in specially marked larger ones. Check possibilities of recycling large empty containers, drums and barrels.

14. Transport Information

Class: 9

UN No.: 3077

Packing group III

15. Regulatory Information

Safety Phrases: Keep out of reach of children

Keep away from food, drink and animal feeding stuff

Do not breathe spray

When using do not eat, drink or smoke

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

In case of accident or if you feel unwell, seek medical advice immediately (Show the label where possible)

Use appropriate containment to avoid environmental contamination

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.