



Hangzhou Tianlong Biotechnology Co., Ltd.

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

MATERIAL SAFETY DATA SHEET

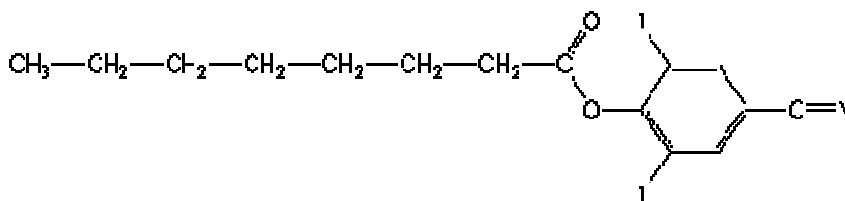
1. Chemical Product and Company Identification

Product Name: Ioxynil Octanoate

Molecular Formula: C₁₅H₁₇I₂NO₂

Molecular Weight: 497.10

Structural Formula:



Chemical Name: 4-cyano-2,6-diiodophenyl octanoate

Form: Solid

Color: Slight yellow

Odor: Mild odour.

CAS No.: 3861-47-0

Supplier: HANZHOU TIANLONG BIOTECHNOLOGY CO., LTD

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2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Ioxynil Octanoate	3861-47-0	95.0
Other ingredients		5.0

3. Hazards Identification

Acute:

Swallowed: Poisonous if swallowed. (See next page for possible symptoms)

Eye: Will irritate the eyes.

Skin: May irritate the skin. May cause sensitisation by skin contact.

Inhaled: Harmful if inhaled.

4. First Aid Measures

First Aid If poisoning occurs, immediately contact a doctor or Poisons Information Centre, and follow the advice given. Show this Material Safety

Data Sheet to a doctor.

Swallowed: Wash out mouth with water. Do not induce vomiting. Keep patient at rest and seek medical advice.

Eye: Rinse immediately with clean water for at least 15 minutes and obtain urgent medical aid.

Skin: Carefully remove contaminated clothing. Wash affected areas with soap and water. Seek medical aid if at all worried.

Inhaled: If inhaled, remove victim to fresh air and keep at rest. Obtain medical advice if at all worried.

First Aid Facilities: Ensure washing facilities are available.

5. Fire-Fighting Measures

Extinguishing Media: Water fog, foam, carbon dioxide, dry chemical.

Special Fire Fighting Procedures: Combustible liquid. Fire fighters should wear full protective gear, including self-contained breathing apparatus. Toxic decomposition products may be produced in a fire. If possible and without risk, remove intact containers from exposure to fire. Otherwise, spray unopened containers with water to keep cool. Keep unnecessary people away. Bund area to prevent contamination of water sources. Dispose of fire control water and spillage safely later.

6. Accidental Release Measures

Personnel Precautions: Avoid contact with skin, wear personnel protective equipment.

Environmental Precautions: Do not allow to enter drains or water courses. Advice relevant authorities in case of contamination of public waters.

Methods of Cleaning: Collect contaminated material in heavy duty plastic bags or drums. Dispose of through a reputable waste disposal contractor.

Inform the local water Service Company and national Rivers Authority immediately if spillage enters drains or water courses.

7. Handling and Storage

Keep out of reach of children. Avoid contact with the eyes and skin. Do not inhale spray mist. If in eyes, wash it out immediately with water. If on skin, immediately wash area with soap and water. Store in the closed original container in a dry, well-ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Keep away from all ignition sources and protect from extreme heat and cold.

8. Exposure Controls/Personal Protection

Engineering Controls: Control process conditions to avoid contact. Use local exhaust ventilation. Use only in well-ventilated areas.

Personal Protection: Eyes: Face shield.

Clothing: Cotton overalls buttoned to the neck and wrist and a washable hat.
When preparing spray wear a PVC or rubber apron as well.

Gloves: Elbow-length PVC gloves

Respiratory: If airborne concentrations are likely to exceed the exposure standards above, a respirator should be worn.

9. Physical and Chemical Properties

Appearance: Waxy solid

Vapour Pressure: Not available

Specific Gravity: 1.175 at 20°C

Melting point : 59-60°C

Flashpoint: > 66°C

Flammability limits: Not available

Solubility in Water: Emulsifies

Formulation: Emulsifiable concentrate

10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Exposure to strong oxidizers. Avoid contact with chlorine and in organic Peroxides

Materials to avoid: Corrosive to iron and aluminium.

11. Toxicological Information

Active ingredients:

Acute oral LD50 (rats) 190 mg/Kg

Acute dermal LD50 >912 mg/Kg

12. Ecological Information

Dangerous to fish and other aquatic life. Do not contaminate surface water or ditches with this product or used containers. Not toxic to bees.

13. Disposal Considerations

Spillage or Leak Procedures: Avoid contact with the spilled material or contaminated surfaces. When dealing with spills wear personal protective clothing and equipment as described in the PERSONAL PROTECTION section above. Keep people and animals away and upwind. Contain spill and absorb with earth, sand, clay, or other absorbent material. Collect and store in properly labelled, sealed drums for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority. Neutralising chemicals are not needed.

Waste Disposal Methods: Triple or (preferably) pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or

puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose, clear of waterways, vegetation and roots. Empty containers or product should not be burnt. Dispose of waste material via a licensed waste disposal contractor to a regulated landfill.

14. Transport Information

Not applicable

15. Regulatory Information

Not applicable

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.