



Hangzhou Tianlong Biotechnology Co., Ltd.

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MATERIAL SAFETY DATA SHEET

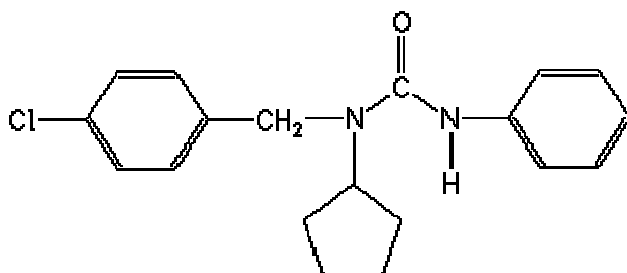
1. Chemical Product and company Identification

Product Name: Pencycuron

Molecular Formula: C₁₉H₂₁ClN₂O

Molecular Weight: 328.84

Molecular Structure:



Chemical Name: N-[(4-chlorophenyl)methyl]-N-cyclopentyl-N'-phenylurea

CAS No.: 66063-05-6

Supplier: HANZHOU TIANLONG BIOTECHNOLOGY CO., LTD

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2. Composition / Information on Ingredients

Composition	CAS No.	Content %
Pencycuron	66063-05-6	95.0
Other ingredients		5.0

3. Hazards Summarizing

May cause long lasting harmful effects to aquatic life

Risk advice to man and the environment

No particular hazards known.

4. First Aid Measures

Eye Contact: If this product comes in contact with the eyes: Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

Skin Contact: If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available).

Inhalation: If fumes or combustion products are inhaled remove from contaminated area. Lay patient down. Keep warm and rested.

Ingestion: If swallowed, refer for medical attention, where possible,

without delay. Where medical attention is not immediately available or where the patient is more than 15 minutes from a hospital or unless instructed otherwise.

5. Fire-Fighting Measures

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Fire fighting instructions: Keep out of smoke. Fight fire from upwind position. Cool closed containers exposed to fire with water spray. Contain contaminated water/fire fighting water. Dike area to prevent runoff and contamination of water sources. Equipment or materials involved in pesticide fires may become contaminated. Prevent use of contaminated buildings, area, and equipment until decontaminated.

Wear self-contained breathing apparatus and protective suit.

6. Accidental Release Measures

Personal pre cautions

Avoid dust formation.

Environmental pre cautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Handling: Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

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: Colorless crystal

Melting Point: 129.5°C.

Vapour Pressure: <0.00001mPa(20°C), 2.5mPa(100°C).

Solubility: Soluble in water 0.3mg/L, in methylene dichloride 200-500g/L.

10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to avoid: No data available.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides

11. Toxicological Information

Acute toxicity:

Oral (rat) LD₅₀: >5000mg/kg

Dermal (rat) LD₅₀: >5000mg/kg

Skin irritation: Non-irritant (rabbit)

Eye irritation: Non-irritant (rabbit)

Sensitization: Non-sensitizing (guinea pig)

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive & Developmental Toxicity: No data available

Mutagenicity: No data available

12. Ecological Information

Toxicity to fish: LC50 (Lepomis macrochirus (Bluegill sunfish)) > 0.26 mg/l
Exposure time: 96h

The value mentioned relates to the active ingredient.

Toxicity to daphnia: EC50 (Water flea (Daphnia magna)) > 100 mg/l
Exposure time: 48 h

Toxicity to algae: IC50 (Pseudokirchneriella subcapitata) > 1 mg/l
Growth rate Exposure time: 72 h

The value mentioned relates to the active ingredient.

13. Disposal Considerations

Triple or, preferably, pressure rinse containers before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in 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, desirable vegetation and tree roots.

Empty containers or product should not be burnt.

14. Transport Information

Not dangerous goods

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.