



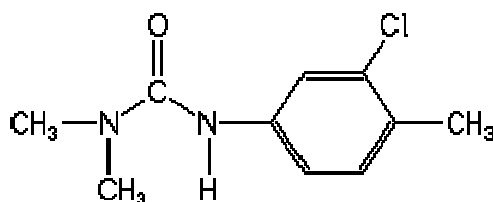
Hangzhou Tianlong Biotechnology Co., Ltd.

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: Chlortoluron
Molecular Formula: C₁₀H₁₃ClN₂O
Molecular Weight: 212.68
Structural Formula:



Chemical Name: N-(3-chloro-4-methylphenyl)-N,N-dimethylurea
CAS No.: 15545-48-9
Supplier: HANZHOU TIANLONG BIOTECHNOLOGY CO., LTD
Address: Room 1906, Fengqi Times Tower, No.338 Fengqi East Road,
Hangzhou, China, 310020
Tel: 0086-571-87214516
Fax: 0086-571-87079476

2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Chlortoluron	15545-48-9	95.0%
Others ingredients		5.0%

3. Hazards Identification

Route of entry: Inhalation, absorption skin contact.

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

4. First Aid Measures

Eyes: Wash out with plenty of water with the eyelid held wide open for at least 15 minutes. Get medical attention.

Skin: Remove contaminated clothing. Wash away remainder with water and soap.

Ingestion: Wash out mouth with plenty of water. Get medical attention.

Never give anything by mouth to an unconscious person.

Inhalation: Remove victim to fresh air. If breathing is difficult: artificial respiration. Get medical attention.

5. Fire-Fighting Measures

Flammable Limits: ~~M~~

Lower explosive limit (LEL): N/A

Upper explosive limited (UEL): ~~M~~

Fire extinguishing media: Dry chemical, water spray, foam, carbon dioxide.

Special fire fighting procedures: None

Unusual fire and explosion hazards: None

Hazardous thermal decomposition products: Chloride compounds and nitrogen oxides.

Protection of fire-fighters: Self-contained breathing apparatus and total protection required in enclosed areas.

6. Accidental Release Measures

Steps to be taken in case materials released or spilled: Wear suitable protective clothing. Do not discharge into drains or the environment. Collect spilled material. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

7. Handling And Storage

Ventilation required. Keep only in the original container. Keep in a cool, dry, well ventilated place away from direct sunlight. Woven polypropylene big bags.

8. Exposure Controls/personal protection

Engineering controls: Ventilation required.

Work practices: When handling do not eat, drink or smoke. Wash hands thoroughly after handling. Wash clothing separately before re-use

9. Physical And Chemical Properties

Appearance: Light yellow to brown solid

Melting point : 148.1°C

Solubility (in water): At 20 °C in water 70 ppm

10. Stability And Reactivity

Conditions to avoid: Oxidizing agents, acids and alkali.

Incompatibility (materials to avoid): N/A

Stability: Not subject to polymerization.

Hazardous polymerization: Chloride compounds and nitrogen oxides.

11. Toxicological Information

Not listed in PAN Bad Actor Chemical

Toxicity: (Rat): Oral LD₅₀ >10000 mg/kg; Dermal > 2000 mg/kg.

Carcinogenic effects: EPA : Not classified

EU : Not classified

IARC : Not classified

12. Ecological Information

It is low toxicity to birds and fish.

No toxicity to bees.

13. Disposal Considerations

Pesticide Disposal: Dispose of in a pesticide approved landfill, or in a chemical incinerator equipped with scrubbers, in accordance with national and regional regulations.

14. Transport Information

Not applicable

15. Regulatory Information

Safe phrase: Keep locked up and out of reach children.

Keep away from food, drink and animal feeding stuffs.

Do not breathe vapour/spray.

Avoid contact with skin and eyes.

Wear suitable protective clothing, gloves and eye/face protection.

Avoid release to the environment.

16. Other Information

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.