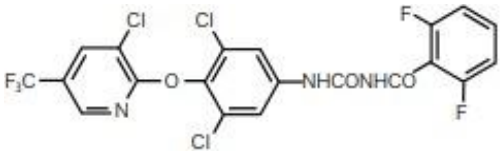
SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifier

Trade Name: **EXTERMINEX™ Termite Bait**
Common name: Chlorfluazuron
Chemical Name: N-[[3,5-dichloro-4-[3-chloro-5-(trifluoromethyl)pyridin-2-yl]oxyphenyl]carbamoyl]-2,6-difluorobenzamide
CAS-No.: 71422-67-8
Molecular Formula: $C_{20}H_9Cl_3F_5N_3O_3$
Structural Formula:



1.2 Identified uses of the substance or mixture

Chemical Class: Benzoylurea
Identified uses: Insecticide (Insect development inhibitor)

1.3 Details of the supplier of the safety data sheet

Exterminex Australia Pty Ltd
Address: Suite 338/7 Clunies Ross Court, Eight Mile Plains QLD 4113, Australia.
Tel. No.: 1300 822 282 (office hours)office hours)
Email: contact@exterminex.com.au

1.4 Emergency telephone number

Emergency phone (24 h): Poisons Information Centre 13 11 26 (Australia) numbers (24h)

2. HAZARDOUS IDENTIFICATIONS:

2.1 Classification of the substance or mixture

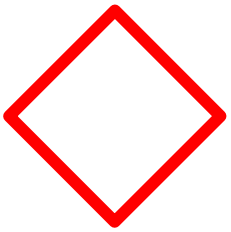
WHO Classification: Class U, product is unlikely to present acute hazard

GHS Classification

Physical Hazards:	Not Classified "Classification derived from acute oral, dermal and inhalation studies (Study Nos. 19527-29, OECD 420/402/403); no hazard category triggered."
Health Hazards:	Acute Oral (Not Classified) Acute Dermal (Not Classified) Inhalation (Not Classified) Dermal Irritation (Not Classified) Eye Irritation/Corrosion (Not Classified) Skin Sensitization (Non-sensitizer)
Environmental Hazards:	Acute Toxicity to the Aquatic (Not Classified) Chronic Toxicity to the Aquatic (Not Classified)

Label Elements

Hazard Pictogram: Not Classified



Signal Word: None

Hazard Statement: None

Precautionary Statement: These precautionary statements are provided on a voluntary basis.

Prevention

P261- Avoid breathing dust.

P271- Use only outdoors or in a well- ventilated area.

Response

P304 + P340- IF INHALED- Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312- Call a POISON CENTER or doctor/physician if you feel unwell.

Storage

P410: Protect from sunlight.

P402+P404: Store in a dry place. Store in a closed container. P403+P235: Store in a well-ventilated place. Keep cool.

Disposal

P501: Dispose of contents and containers as specified on the registered label.

2.2 Other hazards:

PBT / vPvB: The mixture does not contain substances assessed as persistent, bio-accumulative or toxic (PBT) or very persistent / very bio-accumulative (vPvB) according to REACH Annex XIII.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Ingredients:

Chemical Name:	**CAS No.**	**Proportion**	**Percentages**
Chlorfluazuron	71422-67-8	1g/kg	0.1%

Alpha-cellulose	9004-34-6	994g/kg	99.4%
Other (attractants)	Food-grade attractant blend	5g/kg	0.5%

4. FIRST AID:

General Information:

If you feel that you may have been poisoned, burned or irritated by this product. Have this SDS with you when you call. | Philippines: National Poison Management and Control Center (NPMCC) - (02) 85241078

Eye Contact: Quickly and gently brush particles from eyes. No effects expected. Take special care if exposed person is wearing contact lenses. Rinse with clean running water for at least 15 minutes. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.

Skin Contact: Gently brush away excess particles. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 15 minutes or until chemical is removed. Wash with soap and water after use and before eating, drinking or smoking.

Ingested: Not likely to be toxic in amounts that could be ingested in a single dose. Choking or obstruction (due to inert ingredient) is the most likely hazard from a single dose.

Inhalation: **First aid is not generally required. If in doubt, contact Australia** Emergency Response Services or doctor.

NOTE TO PHYSICIAN: No specific antidote. Treatment of exposure should be directed at thecontrol symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES:

Specific hazards arising: from the chemical The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. This product, if scattered, may form flammable or explosive dust clouds in air. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

Unsuitable extinguishing Media: Do not scatter spilled material with high-pressure water stream.

Fire Fighting: instruction If a significant quantity of this product is involved in a fire, call the fire brigade. Do not scatter spilled material with high pressure water jets. Wear a self-contained respiratory apparatus and full protective fire-fighting gear.

Flammability Class: Combustible solid

Flash point: Combustible solid

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions: Do not handle until all safety precautions have been read and understood.

Protective equipment and emergency procedures: Use personal protective equipment as required.

Environmental precautions: Prevent entry of spilled matter into drains or waterways.

Methods and material for: containment and cleaning: Sweep up material and wrap in paper. Bury in a local authority landfill. If no landfill is available, bury below 500mm in a disposal pit.

7. HANDLING AND STORAGE:

Precautions for safe: handling: Use good personal hygiene. Do not consume or store food in the work area. Wash hands and exposed skin before eating, drinking or smoking and after work.

Conditions for safe: storage, including any incompatibilities: Product should be stored original container in a dry storage cool, well ventilated, secure area. Do not store above 122F (50C) for extended periods of time. Store away from other pesticides, feed and food. Keep out of reach of children, unauthorized persons and animals. Do not contaminate water, food, or feed by storage or disposal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

These precautions are suggested for conditions with a high potential for exposure. If handling procedures are such that there is only a low potential for exposure, less protection may be needed. Emergency conditions may require additional precautions.

8.1 Control parameters e.g. permissible exposure limit

Exposure Limit:

Components	Exposure Guidelines
Chlorfluazuron	TLV (mg/m3)-Not determined STEL (mg/m3)-Not determined

Biological Limit Values: (BLVs): No information available

Acceptable Daily Intakes: (ADI): ADI for Chlorfluazuron is set at 0.005mg/kg/day. The corresponding NOEL is set at 0.56mg/kg/day. ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Data from Australian ADI List, June 2014.
No OELs for chlorfluazuron are listed in Model WHS Regulations CCHCL 2023 (search date 27 May 2025).

8.2 Appropriate engineering controls

Ventilation: When appropriate, such as during manufacturing, provide general and/or local exhaust ventilation to prevent exposure to active ingredient.

8.3 Individual protection measures, such as personal protective equipment

Eye Protection: Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

Skin Protection: We suggest that you routinely avoid contact with all chemical product and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Protective Material Types: We suggest that protective clothing be made from the following materials: cotton, rubber.

Respiratory Protection: Use a suitable and approved respirator when handling in a non-ventilated area

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical Description & Colour:	Powdered solid and light to brown / Off white powder
Odour:	No odour
Boiling Point:	Not applicable
Freezing/Melting Point:	Decomposes before melting
Evaporation rate:	Not applicable
Flash Point:	> 250 °C (ASTM D92; no flash at test limit)
Volatiles:	Nil at 100°C
Vapour Pressure:	Negligible at normal ambient temperatures
Vapour Density:	Not applicable
Specific Gravity:	No data
Water Solubility:	No data
pH:	4.31
Volatility:	Negligible at normal ambient temperatures
Coeff Oil/water Distribution:	No data
Decomposition temperature:	No data
Viscosity:	Not applicable
Dry Sieve:	55.98%

10. STABILITY AND REACTIVITY:

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Chemical Stability: Stable under normal use and storage conditions.

Conditions to Avoid: Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatibilities: Acids, bases, oxidising agents.

Hazardous decomposition: product Combustion forms carbon dioxide, and if incomplete, carbon monoxide and possibly smoke. Water is also formed. May form hydrogen chloride gas, other compounds of chlorine. May form hydrogen fluoride gas and other compounds of fluorine. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, andunconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerization reactions.

11. TOXICOLOGICAL INFORMATION:

POTENTIAL HEALTH EFFECTS: This section includes possible adverse effects, which could occur if this material is not handled in the recommended manner.

Toxicity data:
Acute Oral (Rat): Product does not meet criteria for classification, ATE>5,000mg/kg
Acute Dermal (Rat): Product does not meet criteria for classification, ATE>5,000mg/kg
Acute Inhalation (Rat): Product does not meet criteria for classification, ATE>5 mg/l (dust)
Dermal Irritation (Rabbit) - Non-irritant
Eye Irritation (Rabbit) - Non-irritant
Skin Sensitization (Guinea pig) – Non-sensitizer
(Assessment largely or completely based on data for formulation product).

Systemic (Other organs): Based on available data, repeated exposures are not anticipated to cause significant adverse effects.
Germ Cell Mutagenicity: Product does not contain any compound with germ cell mutagenicity hazard.
Cancer Information: Does not contain carcinogens.
Teratogenic: Does not contain teratogens.
Reproductive toxicity: Does not any compound with reprotoxic hazard
Mutagenicity: Does not cause mutation.
STOT-single exposure: Product does not meet criteria for classification
STOT-repeated exposure: Product does not meet criteria for classification

Routes of Exposure

Eye: No adverse effects observed
Skin: No adverse effects observed
Ingestion: No adverse effects observed
Inhalation: No adverse effects observed

Symptoms related to the physical, chemical and toxicological characteristics

Eye: No adverse effects observed
Skin: No adverse effects observed
Ingestion: No adverse effects observed
Inhalation: No adverse effects observed

12. ECOLOGICAL INFORMATION:

Assessment largely or completely based on data for active ingredient.

Persistence and Degradability
Does not leach in soil and is slowly degraded. Degradation occurs more rapidly in anaerobic than in aerobic conditions.

Aquatic Toxicity
LC_{50} >300 mg/l, product does not meet criteria for classification

Avian Toxicity
LD_{50} >2,000 mg/kg, product is non-toxic to birds

Other Information
Non-toxic to bees. Non-toxic to earthworms.

13. DISPOSAL CONSIDERATIONS:

Waste/Product Disposal:	Do not contaminate ponds, waterways or ditches with chemical or used container. Incinerate under controlled conditions in accordance with all local and national laws and regulations.
Container disposal:	Dispose of according to local regulations**.**

14. TRANSPORT INFORMATION:

14. **Transport Information**
14.1 **UN number:** Not regulated for ADR/RID, IMDG or ICAO/IATA.
14.2 **UN proper shipping name:** Not regulated.
14.3 **Transport hazard class(es):** Not regulated.
14.4 **Packing group:** Not applicable.
14.5 **Environmental hazards:** Not classified as a marine pollutant (IMDG); not environmentally hazardous under ADR/RID.
14.6 **Special precautions for user:** None required. Product may be shipped in standard outer cartons; keep packages dry and secure during transport.
14.7 **Transport in bulk according to MARPOL 73/78 and the IBC Code:** Not carried in bulk. Product is supplied only in packaged form; therefore Annex II of MARPOL and the IBC Code do not apply.
Mode-specific statement:
• ADR/RID – Not regulated as Dangerous Goods
• IMDG – Not regulated; not classified as a marine pollutant
• ICAO/IATA – Not regulated as dangerous goods

15. REGULATORY INFORMATION:

Regulatory Status and Applicable Laws and Regulations

15.1 Safety, health and: Environmental regulations / legislation specific for the substance or mixture	Industry Code of Practice on Chemical Classification and Hazard Communication 2013 (Model WHS Regulations). The Regulations is consistent with Australia's commitment in implementing the Globally Harmonised System for Classification and Labelling of Chemicals (GHS) for industrial workplace sector especially in

supplying chemicals for use at work in Australia.

16. OTHER INFORMATION:

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ATE	Acute Toxicity Estimate
CAS number	Chemical Abstracts Service Registry Number
TLV	Threshold Limit Value
STEL	Short-term exposure limit
LC	Lethal Concentration
LD	Lethal Dose
UN Number	United Nations Number

Date of preparation of the SDS: Jan 2016

Date of revision of the SDS: 09 June 2025 (converted to GHS Rev 8 format)

Key literature references: and sources for data used to **compile the SDS**

1. Industry Code of Practice on Chemical and Hazard Communication (Model WHS Regulations) 2014.
2. The Pesticide Manual, 12th Edition, 2000
3. Guidelines for the Classification of Hazardous Chemical – DOSH.
4. Acute Oral Toxicity of Exterminex Termite Bait 0.1% w/w in Rat. Study Number 19527, 16 May 2018.
5. Acute Dermal Toxicity of Exterminex Termite Bait 0.1% w/w in Rat. Study Number 19528, 16 May 2018.
6. Acute Inhalation Toxicity of Exterminex Termite Bait 0.1% w/w in Rat. Study Number 19529, 16 May 2018.
7. Acute Dermal Irritation/Corrosion of Exterminex Termite Bait 0.1% w/w in Rabbit. Study Number 19530, 16 May 2018.
8. Acute Eye Irritation/Corrosion of Exterminex Termite Bait 0.1% w/w in Rabbit. Study Number 19531, 16 May 2018.
9. Skin Sensitization Test of Exterminex Termite Bait 0.1% w/w in Guinea Pigs (Maximization Test). Study Number 19532, 16 May 2018.
10. GHS Purple Book 8th Revision (ST/SG/AC.10/30/Rev.8)

PLEASE READ ALL LABELS CAREFULLY BEFORE USING THIS PRODUCT