



Bird Free Bird Deterrent

SAFETY DATA SHEET

1. Product and Company Identification

- 1.1 **Product Name:** Bird Free Bird Deterrent
1.2 **Product Use:** Pest bird deterrent. Supplied in plastic dishes.
1.3 **Manufacturer:** EZflex Co., Ltd. #503 Yuwon Building, 457-22, Seongnae1-dong, Gangdong-gu, Seoul, Korea Phone: 82-2-485-3575
1.4 **Australian Distributor:** Bird Free Australia Pty Ltd.
1.5 **Emergency Telephones:** National Poisons Information: Australia 13 11 26. New Zealand 0800 764 766.
Bird Free Pty Ltd: tel. 1300 023 733 email: admin@birdfree.com.au

2. Hazards Identification

- 2.1 **Product is not classified as hazardous.**
2.2 **Hazardous Nature:** Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria. Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition) The product is not classified according to the Globally Harmonised System (GHS).

3. Composition and Information on Ingredients

3.1	<u>Ingredient</u>	<u>CAS no.</u>	<u>Content</u>
	Polybutene	9003-29-6	720g/kg
	Peppermint Oil	8006-90-4	5.3g/kg
	Beeswax	8012-89-3	20-30%
	Citronellal	106-23-0	0.43%
	Net Contents: 12.5g per dish		

APVMA Approval No. 85617/120185

4. First Aid Measures

- 4.1 **Inhalation:** Unlikely risk via this route.
4.2 **Contact with skin:** Wipe off product using tissues/cloths. Wash skin with soap and water.
4.3 **Contact with eye:** Gently remove gross product from eye area. Irrigate eye with water or eye-wash solution. Get medical attention.
4.4 **Ingestion:** Unlikely route of entry. Wipe out mouth, rinse with water. Seek medical attention.

Advice for doctor: Product contains cosmetic oil gel and vegetable plant oils.

5. Fire-fighting Measures

- 5.1 **Suitable extinguishing media:** Dry chemical, foam or carbon dioxide.
5.2 **Unsuitable extinguishing media:** Indoor or outdoor hydrant facilities, sprinkler, water jet.
5.3 **Fire and explosion hazards:** Product does not pose a flammability hazard but will burn in a fire. No explosion risk.
5.4 **Special protective equipments:** Irritating and highly toxic gasses, carbon oxides, such as carbon dioxide, carbon monoxide may be generated by thermal decomposition or combustion. Self-contained breathing apparatus should be worn by fire fighters.

6. Accidental Release Measures

- 6.1 **Wear gloves. Wipe up spilled material and place in a marked container. Wash area with detergent and water. Mop dry.**

7. Handling and Storage

- 7.1 **Handling:** Handle according to product label instructions.

- 7.2 Storage: Store in a cool, dry place. Protect from frost.
7.3 Specific use: Use only in accordance with the label "Directions for Use".

8. Exposure Controls and Personal Protection

- 8.1 Exposure limit values: None established.
8.2 Exposure controls: Use according to label instructions.
8.2.1 Occupational exposure controls
(a) Respiratory protection: None required.
(b) Hand protection: Wear Unlined/Flock-lined, synthetic rubber/PVC to AS/NZS 2161 gloves.
E.g. Nitrile.
(c) Eye protection: Wear goggles to AS/NZS 1336 when dealing with gross spillage incidents.
(d) Skin protection: Wear gloves and appropriate protective clothing
8.2.2 Environmental exposure controls: Collect material at end of a treatment regime. Secure material as described on the label.

9. Physical and Chemical Properties

9.1. General information:

Appearance:	Light yellow gel
Odour:	Herb.
pH:	Not established.
Boiling point/boiling range:	Not established.
Flash point:	None.
Flammability/self-ignition/ explosive, oxidising properties:	None.
Water solubility:	Negligible.
Viscosity:	Not measured. Product is a viscous gel.
Vapour pressure:	No data.
Partition coefficient: n-octanol/water:	No data.

10. Stability and Reactivity

Stable under normal conditions.

10.1 Condition to avoid:	None.
10.2 Material to avoid:	None.
10.3 Hazardous decomposition products:	None except when product involved in a fire – see paragraph 5.

11. Toxicological Information

Product is not classified as hazardous.

Product may produce irritation/sensitisation by skin or eye contact.

No known effects regarding repeat dose toxicity, mutagenic, carcinogenic or reproductive system toxic effects.

Acute oral effect	The oral LD50 of Bird Free Bird Deterrent Gel is more than 2,000 mg/kg in male and female rats.
Acute dermal effect	The LD50 (dermal) of Bird Free Bird Deterrent Gel is more than 2,000 mg/kg in male and female rats.
Eye irritation	Bird Free Bird Deterrent Gel is evaluated as a non-irritant with 1.33 of AOI (acute ocular irritation) in rabbits.
Skin irritation	Bird Free Bird Deterrent Gel is evaluated as a non-irritant with 0 of PII (primary irritation index) in rabbits
Skin sensitization	The score of skin reaction after treatment of Bird Free Deterrent Gel is graded I with 5% sensitization rate in guinea pig.

12. Ecological Information

- 12.1 Not classified as hazardous to the environment. Risks to non-target creatures are controlled by adhering to the product label directions for use and technical advice.
12.2 LC50 in 95% lower and upper confidence limits is more than 100mg/L in *Cyprinus carpio*.

13. Disposal Considerations

- 13.1 Empty containers/lids: Dispose as controlled, non-hazard classified plastic waste.
13.2 Unused/recovered materials: Small amounts, wrap in paper and dispose in garbage, for large amounts

- 13.3 recycle, or use commercial waste disposal service.
Contaminated PPE/wipes: Dispose of as controlled, non-hazard classified waste.

14. Transport Information

- 14.1 Not classified as hazardous for transport.

15. Regulatory Information

- 15.1 This preparation has been classified in accordance with NICNAS. This Safety Data Sheet also complies with Annex II of the REACH regulations.
- 15.2 Restricted to professional users.
- 15.3 Refer to other relevant measures such as Safe Work Australia.
- 15.4 The information contained in this data sheet does not constitute the user's own assessment of workplace risks as required by legislation.
- 15.5 Hazard symbols: - Not classified as hazardous.
- 15.6 Risk phrases: - None assigned.
- 15.7 Safety phrases: - None assigned.

16. Other Information

- 16.1 Use only in accordance with label instructions.
- 16.2 For professional use only.
- 16.3 Operatives using this product should be trained in its use.
- 16.4 The information in this data sheet should be considered when undertaking any risk assessment.
- 16.5 This data sheet does not constitute a WH&S assessment.
- 16.6 The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Bird Free Australia Pty Ltd for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.
- 16.7 This issue update incorporates composition information.