

小島 Bird Free

Safety Data Sheet

according to The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc). Control of Substances Hazardous to Health Regulations 2002 (as amended). The REACH etc (Amendment etc)

Date of issue: 22/12/2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form: Mixture

Name: 小島 Bird Free

BPR authorisation no: EU-00201836-0000

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

A ready-to-use bird repellent for use by trained professionals, for the control of pigeons in and around buildings

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Bird Free Optical Gel Limited

No 3 The Square

Tralee, County Kerry

V92 PR22 Ireland

Tel: +44 207 359 9988

Email: ian.smith@bird-free.com www.bird-free.com

1.4 Emergency telephone number

Country	Organisation/Company	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	+353 1 8379964
United Kingdom	National Poisons Information Service (NHS Direct)	http://www.npis.org	111 (England & Wales only) or 112 (EU) or 08454 24 24 24 (Scotland)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements: EUH208 - Contains citronellal (106-23-0). May produce an allergic reaction

EUH210 - Safety data sheet available on request

P102: Keep out of reach of children

2.3. Other hazards

Adverse physicochemical, human health and environmental effects: To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice. **The product is not an endocrine disruptor.**

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
peppermint oil (mentha piperita)	(CAS No) 8006-90-4	0.53	Not classified
citronellal	(CAS No) 106-23-0(EC no) 203-376-6	0.42	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411

Full text of R- and H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact: Wash skin with plenty of and water. Remove contaminated clothing and wash before re-use.

First-aid measures after eye contact: Rinse eyes with water as a precaution. Hold eye open and rinse slowly and gently with water for 20 minutes. Remove contact lenses, if present and easy to do so, then continue rinsing eye. Seek medical advice.

First-aid measures after ingestion: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Toxic fumes may be released

5.3. Advice for firefighters

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Take up liquid spill into absorbent material.

Other information: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep in a safe place. Store in a well-ventilate place in original container. Keep in a safe place inaccessible to children and pets. Do not store near food or feed. Do not store in an environment which will corrode the plastic dishes.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation of the work station. Provide adequate general and local exhaust ventilation.

Hand protection: Not required for normal conditions of use. In case of repeated or prolonged contact wear gloves.

Eye protection: Not required for normal conditions of use. Where eye contact may occur from use, wear eye protection.

Skin and body protection: Not required for normal conditions of use.

Respiratory protection: Not required for normal conditions of use. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Environmental exposure controls: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Gel

Appearance: Light brown gel

Colour: Light brown.

Odour: Citron/lemon

Odour threshold: No data available

pH: No data available

Relative evaporation rate (butylacetate=1): No data available

Melting point: Not applicable

Freezing point: No data available

Boiling point: No data available

Flash point: 240°C

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): Not applicable

Vapour pressure: No data available

Relative vapour density at 20°C : No data available

Relative density: No data available

Solubility: insoluble in water.

Log Pow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: No data available

Oxidising properties: No data available

Explosive limits: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified

Bird Free	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg
citronellal (106-23-0)	
LD50 oral rat	2420 mg/kg National Technical Information Service. Vol. OTS0557726,
LD50 dermal rabbit	> 2500 mg/kg Food and Cosmetics Toxicology. Vol. 13, Pg. 755, 1975.

Skin corrosion/irritation:

Not classified as corrosive/skin irritant according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/irritation:

Not classified as corrosive/skin irritant according to Regulation (EC) No. 1272/2008 [CLP]

Respiratory or skin sensitisation:

Not classified as skin sensitiser according to Regulation (EC) No. 1272/2008 [CLP]

Germ cell mutagenicity:

Not classified as mutagen according to Regulation (EC) No. 1272/2008 [CLP]

Carcinogenicity:

Not classified as carcinogen according to Regulation (EC) No. 1272/2008 [CLP]

Reproductive toxicity:

Not classified as toxic to reproductive system according to Regulation (EC) No. 1272/2008 [CLP]

Specific target organ toxicity (single exposure):

Not classified as having specific organ toxicity single exposure according to Regulation (EC) No. 1272/2008 [CLP]

Specific target organ toxicity (repeated exposure):

Not classified as having specific organ toxicity repeat exposure according to Regulation (EC) No. 1272/2008 [CLP]

Aspiration hazard: Not classified

11.2 Other data

See 2.2 and 2.3 above

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. The product is not an endocrine disruptor.

Bird Free	
LC50 fish 1	> 100 mg/l (Cyprinus carpio)

12.2. Persistence and degradability

Bird Free	
Persistence and degradability	Biodegradability in water: no data available.

12.3. Bioaccumulative potential

Bird Free	
Bioaccumulative potential	Bioaccumulation: No data available.

12.4. Results of PBT and vPvB assessment

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions. Ensure any exposed gel in dishes is covered to prevent spreading or contamination prior to disposal.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not dangerous goods in terms of transport regulations				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport
No data available
- Transport by sea
No data available
- Air transport
No data available
- Inland waterway transport

No data available
- Rail transport
No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	citronellal
3.c. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	citronellal

Contains no substance on the REACH candidate list

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H411	Toxic to aquatic life with long lasting effects
EUH208	Contains citronellal. May produce an allergic reaction
EUH210	Safety data sheet available on request

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.