



SAFETY DATA SHEET
PESTSHIELD ANT & CRAWLING INSECT KILLER

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Revision No: 3

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

1.1. Product identifier

Product name: PESTSHIELD ANT & CRAWLING INSECT KILLER

Product code: * PS0008/PS0009/PS0058

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

Use of substance / mixture: SU 21 - Consumer Uses.

PC8: Biocidal products (e.g. Disinfectants, pest control).

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products Ltd
The Old School House
39 Bengal Street
Manchester
M4 6AF
United Kingdom

Tel: +44 (0)161 839 5949

Fax: +44 (0)161 839 5493

Email: fereshteh@151.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)161 839 5949
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 1: H410

Most important adverse effects: Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H410: Very toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS09: Environmental



Signal words: Warning

Precautionary statements: P273: Avoid release to the environment.

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P391: Collect spillage.

P501: Dispose of contents/container to Local authority Regulations.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CYPERMETHRIN

EINECS	CAS	PBT / WEL	CLP Classification	Percent
257-842-9	52315-07-8	-	Acute Tox. 4: H302; Aquatic Chronic 1: H410; STOT SE 3: H335; Aquatic Acute 1: H400; Acute Tox. 4: H332	<1%

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16) ALKYL DIMETHYL CHLORIDES

939-253-5	68424-85-1	-	Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1B: H314; Acute Tox. 4: H302	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: If irritation or other symptoms develop and persist, seek medical attention.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

[cont...]

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: * In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Do not eat, drink or smoke when using this product. Keep away from food and beverages, eating utensils and food contact surfaces.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

[cont...]

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Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16) ALKYL DIMETHYL CHLORIDES

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Long term)	3.96mg/m ³	Workers	Systemic
DNEL	Dermal (Long term)	5.7mg/kg bw	Workers	Systemic
DNEL	Inhalation (Long term)	1.64mg/m ³	General Population	Systemic
DNEL	Dermal (Long term)	3.4mg/kg bw	General Population	Systemic
DNEL	Oral (Long term)	3.4mg/kg bw	General Population	Systemic
PNEC	Fresh water	0.001mg/L	-	-
PNEC	Fresh water sediments	12.27mg/kg sediment	-	-
PNEC	Marine water	0.001mg/L	-	-
PNEC	Marine sediments	13.09mg/kg sediment	-	-
PNEC	Microorganisms in sewage treatment	0.4mg/L	-	-
PNEC	Soil	7mg/kg soil	-	-

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Environmental: All bats are protected under the Wildlife & Countryside Act 1981. Before treating any structure used by bats consult Natural England, Scottish Natural Heritage Or the Countryside Council for Wales.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Solubility in water: Soluble

Viscosity: Non-viscous

Flash point°C: >100

pH: 4.0

9.2. Other information

Other information: No data available.

[cont...]

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Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16) ALKYL DIMETHYL CHLORIDES

DERMAL	RBT	LD50	3412	mg/kg
ORAL	RAT	LD50	795	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: *

Section 12: Ecological information

12.1. Toxicity

[cont...]

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Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12-C16) ALKYL DIMETHYL CHLORIDES

BLUEGILL (<i>Lepomis macrochirus</i>)	96H LC50	0.515	mg/l
Daphnia magna	48H EC50	0.016	mg/l
GREEN ALGA (<i>Selenastrum capricornutum</i>)	72H ErC50	0.0025	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	0.85	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 15 01 02

Disposal of packaging: Disposal should be in accordance with local authority regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(CYPERMETHRIN)

14.3. Transport hazard class(es)

Transport class: 9

[cont...]

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14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

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

Specific regulations: HSE No: 8954. PCS No: 96325

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.