



**SAFETY DATA SHEET**  
PESTSHIELD HOUSEHOLD FLEA KILLER SPRAY

**Page:** 1  
**Compilation date:** 27/06/2011  
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**Revision No:** 4

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

**1.1. Product identifier**

**Product name:** PESTSHIELD HOUSEHOLD FLEA KILLER SPRAY  
**Product code:** PS0025

**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 Limited  
The Old School House  
39 Bengal Street  
Manchester  
M4 6AF  
UK  
**Tel:** 0161 839 5949  
**Fax:** 0161 839 5493  
**Email:** [fereshteh@151.co.uk](mailto:fereshteh@151.co.uk)

**1.4. Emergency telephone number**

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Aquatic Acute 1: H400; Aquatic Chronic 1: H410; -: EUH208

**Most important adverse effects:** Contains permethrin. May produce an allergic reaction. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** EUH208: Contains permethrin. May produce an allergic reaction.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS09: Environmental



**Signal words:** Warning

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**Precautionary statements:** P102: Keep out of reach of children.  
P103: Read label before use.  
P264: Wash hands thoroughly after handling.  
P273: Avoid release to the environment.  
P391: Collect spillage.  
P501: Dispose of contents/container to hazardous or special waste collection point.

### 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:

PERMETHRIN

EINECS	CAS	PBT / WEL	CLP Classification	Percent
258-067-9	52645-53-1	-	Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Acute Tox. 4: H332	<1%

## 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 persists seek medical advice.

### 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.

### 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:** \* This product is not combustible, however, combustion of the packaging will generate 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.

### 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:** \* Ensure there is sufficient ventilation of the area.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** \* Store in a cool, well ventilated area. KEEP OUT OF THE REACH OF CHILDREN.

**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

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

[cont...]

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**Hand protection:** No special requirements under normal conditions of use.

**Eye protection:** No special requirements under normal conditions of use.

**Skin protection:** No special requirements under normal conditions of use.

## 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

**Boiling point/range°C:** 100

**Flash point°C:** >93

**pH:** Approx. 7

### 9.2. Other information

**Other information:** No data available.

## 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

[cont...]

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### Hazardous ingredients:

#### PERMETHRIN

DERMAL	GPG	LD50	> 2000	mg/kg
DUST/MIST	RAT	4H LC50	485	mg/m <sup>3</sup>
ORAL	RAT	LD50	383	mg/kg

### Excluded hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Serious eye damage/irritation	-	No hazard: calculated
Respiratory/skin sensitisation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated
Carcinogenicity	-	No hazard: calculated
Reproductive toxicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

### 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.

### Section 12: Ecological information

#### 12.1. Toxicity

### Hazardous ingredients:

#### PERMETHRIN

Daphnia magna	48H EC50	0.32	µg/l
MARINE ALGAE (Skeletonema costatum)	96H LC50	0.068	mg/l
Pimephales promelas	96H LC50	0.16	mg/l

#### 12.2. Persistence and degradability

**Persistence and degradability:** Not biodegradable.

[cont...]

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## 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 bees.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Disposal should be in accordance with Local Authority Regulations.

**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.  
(PERMETHRIN)

### 14.3. Transport hazard class(es)

**Transport class:** 9

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

## Section 15: Regulatory information

[cont...]

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

**Specific regulations:** HSE No: 8956

## 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H302: Harmful if swallowed.

H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

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.