



## SAFETY DATA SHEET

PESTSHIELD ADVANCED FORMULA FLY & WASP KILLER

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Compilation date: 16/01/2019

Revision No: 1

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

#### 1.1. Product identifier

**Product name:** PESTSHIELD ADVANCED FORMULA FLY & WASP KILLER

**Product code:** PS0005A

#### 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](mailto: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 Acute 1: H400; Aquatic Chronic 1: H410; Flam. Aerosol 1: H222; -: EUH208; -: H229

**Most important adverse effects:** Contains permethrin. May produce an allergic reaction. Extremely flammable aerosol. Pressurised container: May burst if heated. 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.  
H222: Extremely flammable aerosol.  
H229: Pressurised container: May burst if heated.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS09: Environmental  
GHS02: Flame

[cont...]

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**Signal words:** Warning

**Precautionary statements:** P101: If medical advice is needed, have product container or label at hand.  
P102: Keep out of reach of children.  
P103: Read label before use.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211: Do not spray on an open flame or other ignition source.  
P251: Do not pierce or burn, even after use.  
P264: Wash hands thoroughly after handling.  
P273: Avoid release to the environment.  
P391: Collect spillage.  
P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.  
P501: Dispose of contents/container to Local Authority Regulations.

## 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### BUTANE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-448-7	106-97-8	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	25-50%

##### DISTILLATES (PETROLEUM) HYDROTREATED LIGHT

265-149-8	64742-47-8	-	Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411; -: EUH066	5-10%
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##### TETRAMETHRIN

231-711-6	7696-12-0	-	Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%
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PERMETHRIN

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%
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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. If irritation persists seek medical attention.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If you feel unwell seek medical attention

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. 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:** There may be irritation of the nose and upper respiratory tract. Solvent abuse can kill.

### 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.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes. Pressurized container may explode in the heat of a fire.

### 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.

[cont...]

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## 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

## 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

## 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:** Read instructions before use. Ensure there is sufficient ventilation of the area. Do not eat, drink or smoke when using this product. Do not handle in a confined space.

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

**Storage conditions:** Keep away from sources of ignition. 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

**Hazardous ingredients:**

**DISTILLATES (PETROLEUM) HYDROTREATED LIGHT**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	200mg/m <sup>3</sup>	-	-	-

### DNEL/PNEC Values

**Hazardous ingredients:**

**DISTILLATES (PETROLEUM) HYDROTREATED LIGHT**

Type	Exposure	Value	Population	Effect
DNEL	Oral (repeated dose)	19 mg/kg bw	General Population	Systemic

[cont...]

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## PERMETHRIN

Type	Exposure	Value	Population	Effect
PNEC	Fresh water (short-term)	0.01ug/l	-	-
PNEC	Fresh water sediments (long-term)	4ug/kg dw	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Do not use in a confined space.

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

**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:** Aerosol

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Viscosity:** Non-viscous

### 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.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Sources of ignition. Direct sunlight.

### 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

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### 11.1. Information on toxicological effects

#### Hazardous ingredients:

##### DISTILLATES (PETROLEUM) HYDROTREATED LIGHT

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	4H LC50	>5.28	mg/l

##### TETRAMETHRIN

DUST/MIST	RAT	3H LC50	2500	mg/m3
ORAL	RAT	LD50	4640	mg/kg

##### PERMETHRIN

DERMAL	GPG	LD50	> 2000	mg/kg
DUST/MIST	RAT	4H LC50	485	mg/m3
ORAL	RAT	LD50	383	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:** There may be irritation of the nose and upper respiratory tract. Solvent abuse can kill.

## Section 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

##### TETRAMETHRIN

Daphnia magna	48H EC50	49	µg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	6.4	µg/l

##### 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:** No data available.

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## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 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:** Very 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 regulations. Do not pierce containers prior to disposal.

**Disposal of packaging:** Disposal should be in accordance with local regulations. Do not pierce containers prior to disposal.

**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:** UN1950

### 14.2. UN proper shipping name

**Shipping name:** AEROSOLS  
(PERMETHRIN; TETRAMETHRIN)

### 14.3. Transport hazard class(es)

**Transport class:** 2

### 14.4. Packing group

**Packing group:** 2.1

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** Yes

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D

**Transport category:** 2

[cont...]

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## Section 15: Regulatory information

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

**Specific regulations:** HSE No: 9684

PCS No: 97796

### 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 2015/830.

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

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.  
EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.  
H220: Extremely flammable gas.  
H222: Extremely flammable aerosol.  
H229: Pressurised container: May burst if heated.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H332: Harmful if inhaled.  
H336: May cause drowsiness or dizziness.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.  
H411: 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.