



**SAFETY DATA SHEET**  
DOFF ANT & CRAWLING INSECT KILLER

Page: 1

Compilation date: 27/11/2013

Revision No: 1

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

**1.1. Product identifier**

**Product name:** DOFF ANT & CRAWLING INSECT KILLER

**Product code:** DP1033

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

**Use of substance / mixture:** Formulated insecticide aerosol.

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Doff Portland Limited

Aerial Way

Hucknall

Nottingham

NG15 6DW

UK

**Tel:** +(44) 115 9834 300

**Email:** [help@doff.co.uk](mailto:help@doff.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** +(44) 115 9834 300

**Section 2: Hazards identification**

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

**Classification under CHIP:** F+: R12; N: R50/53

**Classification under CLP:** Flam. Aerosol 1: H222; Aquatic Chronic 2: H411; -: EUH208

**Most important adverse effects:** Extremely flammable. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**2.2. Label elements**

**Label elements under CLP:**

**Hazard statements:** EUH208: Contains permethrin. May produce an allergic reaction.

H222: Extremely flammable aerosol.

H411: Toxic to aquatic life with long lasting effects.

**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame

GHS09: Environmental



[cont...]

# SAFETY DATA SHEET

## DOFF ANT & CRAWLING INSECT KILLER

Page: 2

**Precautionary statements:** P211: Do not spray on an open flame or other ignition source.  
P251: Pressurized container: Do not pierce or burn, even after use.  
P273: Avoid release to the environment.  
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.  
P501: Dispose of contents/container to Local Authority Regulations.

### Label elements under CHIP:

**Hazard symbols:** Extremely flammable.  
Dangerous for the environment.



**Risk phrases:** R12: Extremely flammable.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S2: Keep out of the reach of children.  
S29: Do not empty into drains.  
S51: Use only in well-ventilated areas.

**Precautionary phrases:** Use biocides safely. Always read the label and product information before use.  
Contains permethrin. May produce an allergic reaction.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

### 2.3. Other hazards

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

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

BUTANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
203-448-7	106-97-8	F+: R12 Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%

[cont...]

# SAFETY DATA SHEET

## DOFF ANT & CRAWLING INSECT KILLER

Page: 3

### KEROSINE - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

265-149-8	64742-47-8	Xn: R65; N: R51/53	Asp. Tox. 1: H304	1-10%
-----------	------------	--------------------	-------------------	-------

### PIPERONYL BUTOXIDE

200-076-7	51-03-6	N: R50/53	-	<1%
-----------	---------	-----------	---	-----

### TETRAMETHRIN

231-711-6	7696-12-0	N: R50/53	Aquatic Chronic 1: H410	<1%
-----------	-----------	-----------	-------------------------	-----

### PERMETHRIN

258-067-9	52645-53-1	Xn: R20/22; Sens.: R43; N: R50/53	Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400; 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. Seek medical attention if irritation or other symptoms develop and persist.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 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 a feeling of tightness in the chest with shortness of breath.

### 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:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

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

**Exposure hazards:** Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

### 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.

[cont...]

# SAFETY DATA SHEET

DOFF ANT & CRAWLING INSECT KILLER

Page: 4

## 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. Eliminate all sources of ignition. 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.

### 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. Do not use equipment in clean-up procedure which may produce sparks.

### 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. Use non-sparking tools. Smoking is forbidden.

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

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**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:**

**BUTANE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1450 mg/m <sup>3</sup>	1810 mg/m <sup>3</sup>	-	-

### 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

[cont...]

# SAFETY DATA SHEET

## DOFF ANT & CRAWLING INSECT KILLER

Page: 5

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

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

**Hand protection:** Avoid skin contact or wear gloves if necessary.

**Eye protection:** No special requirements under normal use conditions. Avoid contact with eyes - refer to section 4.

**Skin protection:** Avoid skin contact or wear gloves if necessary.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Aerosol

**Colour:** Off-white

**Odour:** Characteristic odour

**Solubility in water:** Miscible

**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. Stable at room temperature.

### 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. Hot surfaces. Sources of ignition. Flames.

### 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...]

**SAFETY DATA SHEET**  
DOFF ANT & CRAWLING INSECT KILLER

Page: 6

**Hazardous ingredients:**

**TETRAMETHRIN**

DUST/MIST	RAT	3H LC50	2500	mg/m <sup>3</sup>
ORAL	RAT	LD50	4640	mg/kg

**PERMETHRIN**

DERMAL	GPG	LD50	> 2000	mg/kg
DUST/MIST	RAT	4H LC50	485	mg/m <sup>3</sup>
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 a feeling of tightness in the chest with shortness of breath.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**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 substance.

**12.6. Other adverse effects**

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

**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.

[cont...]

**SAFETY DATA SHEET**  
DOFF ANT & CRAWLING INSECT KILLER

Page: 7

**Section 14: Transport information**

**14.1. UN number**

UN number: UN1950

**14.2. UN proper shipping name**

Shipping name: AEROSOLS

**14.3. Transport hazard class(es)**

Transport class: 2

**14.4. Packing group**

**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

**Section 15: Regulatory information**

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

Specific regulations: HSE No: 9715

**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:** 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 3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

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

H411: Toxic to aquatic life with long lasting effects.

[cont...]

## SAFETY DATA SHEET

### DOFF ANT & CRAWLING INSECT KILLER

Page: 8

R12: Extremely flammable.

R20/22: Harmful by inhalation and if swallowed.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

**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.