



**SAFETY DATA SHEET**  
DOFF ANT KILLER POWDER

Page: 1

Compilation date: 15/12/2016

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Revision No: 1

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

**1.1. Product identifier**

**Product name:** DOFF ANT KILLER POWDER

**Product code:** F-BB-xxx-DOF

**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:** 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 CLP:** Aquatic Acute 1: H400; Aquatic Chronic 1: H410

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

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H400: Very toxic to aquatic life.

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.

P391: Collect spillage.

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

[cont...]

**SAFETY DATA SHEET**  
DOFF ANT KILLER POWDER

Page: 2

**2.3. Other hazards**

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

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

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. Remove contaminated clothing and shoes wash before re-use. If irritation persists seek medical advice.

**Eye contact:** Bathe the eye with running water for 15 minutes. Check for and remove any contact lenses if safe to do so. Seek medical advice and show packaging label.

**Ingestion:** Drink plenty of water. Seek medical attention and show packaging label.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Seek medical advice and show the packaging label.

**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. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the nose and upper respiratory tract.

**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. This product is not flammable.

**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:** Not applicable.

[cont...]

**SAFETY DATA SHEET**  
DOFF ANT KILLER POWDER

**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.

**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.

**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 container tightly closed. Keep away from food, drink and animal feedstuffs. 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**

**Hazardous ingredients:**

**PERMETHRIN**

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

**8.2. Exposure controls**

**Engineering measures:** No special requirements under normal conditions of use.

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

**Hand protection:** Protective gloves.

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

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**SAFETY DATA SHEET**  
DOFF ANT KILLER POWDER

Page: 4

**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:** Powder

**Colour:** Off-white

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**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**

**Hazardous ingredients:**

**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.

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**SAFETY DATA SHEET**  
DOFF ANT KILLER POWDER

Page: 5

**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. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the nose and upper respiratory tract.

**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:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** Insoluble in water.

**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 BATS: All bats are protected under the Wildlife and Countryside Act 1981.  
Toxic to aquatic organisms. Toxic to cats. 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:** UN3077

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**SAFETY DATA SHEET**  
DOFF ANT KILLER POWDER

Page: 6

**14.2. UN proper shipping name**

**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, 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:** Yes

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** E

**Transport category:** 3

**Section 15: Regulatory information**

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

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has 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 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.  
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.

[final page]