



**SAFETY DATA SHEET**  
DOFF ROSE SHIELD BUG & FUNGUS KILLER

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

**1.1. Product identifier**

**Product name:** DOFF ROSE SHIELD BUG & FUNGUS KILLER  
**Product code:** F-DM-A00-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 CHIP:** N: R51/53

**Classification under CLP:** Aquatic Acute 1: H400; Aquatic Chronic 2: H411

**Most important adverse effects:** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**2.2. Label elements**

**Label elements under CLP:**

**Hazard statements:** H400: Very toxic to aquatic life.  
H411: Toxic to aquatic life with long lasting effects.

**Signal words:** Warning

**Hazard pictograms:** GHS09: Environmental



**Precautionary statements:** P273: Avoid release to the environment.  
P391: Collect spillage.  
P501: Dispose of container & contents to Local Authority Regulations.

[cont...]

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## Label elements under CHIP:

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



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

**Safety phrases:** S2: Keep out of the reach of children.

S20/21: When using do not eat, drink or smoke.

S13: Keep away from food, drink and animal feeding stuffs.

S7: Keep container tightly closed.

S23: Do not breathe vapours.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S60: This material and its container must be disposed of as hazardous waste.

**Precautionary phrases:** Use biocides safely. Always read the label and product information before use.  
Harmful to bees.

## 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Non-hazardous ingredients:

##### MYCLOBUTANIL (ISO)

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	88671-89-0	Xn: R22; Xi: R36; N: R51/53; Xn: R63	Repr. 2: H361d; Acute Tox. 4: H302; Eye Irrit. 2: H319; Aquatic Chronic 2: H411	<1%

##### CYPERMETHRIN

257-842-9	52315-07-8	Xn: R22; Xi: R37/38; Sens.: R43; N: R50/53	Acute Tox. 4: H302; STOT SE 3: H335; Aquatic Chronic 1: H410; Aquatic Chronic 4: H413; Acute Tox. 4: H332; Aquatic Acute 1: H400	<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. Seek medical attention if irritation or other symptoms develop and persist.

**Eye contact:** Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Seek medical attention.

[cont...]

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**Inhalation:** If irritation persists seek medical advice.

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

**Skin contact:** No data available.

**Eye contact:** There may be irritation and redness.

**Ingestion:** No data available.

**Inhalation:** No data available.

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

**Immediate / special treatment:** Treat symptomatically.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Alcohol or polymer foam. Dry chemical powder. Carbon dioxide. Water spray.

**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 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:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

**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 suitable container. Wash the spillage site with large amounts of water.

**6.4. Reference to other sections**

**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 cool, well ventilated area.

**Suitable packaging:** Must only be kept in original packaging.

**7.3. Specific end use(s)**

[cont...]

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**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**8.1. DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

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

**Respiratory protection:** If exhaust or ventilation is insufficient, respiratory protection must be worn.

**Hand protection:** Protective gloves. Nitrile gloves.

**Eye protection:** Safety glasses with side-shields. Provide eye wash stations where large volumes are being used.

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

**Solubility in water:** Soluble

**Flash point°C:** 60 - 93

**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:** Direct sunlight. Heat. Flames.

**10.5. Incompatible materials**

**Materials to avoid:** Strong acids. Strong bases. Strong oxidising agents.

[cont...]

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## 10.6. Hazardous decomposition products

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	>5000	mg/kg
DERMAL	RAT	LD50	>2000	mg/kg

### Symptoms / routes of exposure

**Skin contact:** No data available.

**Eye contact:** There may be irritation and redness.

**Ingestion:** No data available.

**Inhalation:** No data available.

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
Daphnia magna	48H EC50	1.7	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	20800	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** Not readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Low mobility.

### 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:** No data available.

## 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.

[cont...]

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**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.  
(CONTAINS Cypermethrin & Myclobutanil)

### 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

**Tunnel code:** E

**Transport category:** 3

## Section 15: Regulatory information

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

**Specific regulations:** PCS No: 04989. MAPP No: 16264

### 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:** H302: Harmful if swallowed.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H361d: Suspected of damaging the unborn child.

H400: Very toxic to aquatic life.

[cont...]

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

H411: Toxic to aquatic life with long lasting effects.

R22: Harmful if swallowed.

R36: Irritating to eyes.

R37/38: Irritating to respiratory system and skin.

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.

R63: Possible risk of harm to the unborn child.

**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.