



Date: 23/01/20  
Version: 02  
Revision number: 01  
Supersedes: SDS dated 03/11/17

**SAFETY DATA SHEET**  
Doff Advanced Weedkiller

---

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product Identifier:**

**Product name:** Doff Advanced Weedkiller  
**Product code:** F-FO-XXX-DOF

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

Supplied for amateur use as a herbicide

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

Doff Portland Limited  
Aerial Way  
Hucknall  
Nottingham  
NG15 6DW  
UK

Telephone number: +44 (0) 115 9834 300  
Email: [help@doff.co.uk](mailto:help@doff.co.uk)

**1.4 Emergency phone number**

Emergency telephone number: +44 (0) 115 9834 300 (office hours only)

---

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

CLASSIFICATION according to Regulation EC 1272/2008 Classification, Labelling and Packaging  
**Not classified**

**2.2 Label Elements**

Product Name: Doff Advanced Weedkiller

Pictogram: [None]

Signal word: [None]

Hazard statements: [None]

Precautionary statements: P102 Keep out of reach of children.  
P103 Read label before use.  
P273 Avoid release to the environment.  
P280 Wear protective gloves & eye protection.  
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



P501 Dispose of contents/container to local authority regulations.

### **2.3 Other Hazards**

Mixture not classed as PBT or vPvB

---

## **3. COMPOSITION/INFORMATION ON INGREDIENTS**

### **3.2 Mixtures**

There are no hazardous components which require listing.

The full hazard information for individual components if not displayed in section 2 or 3 are displayed in Section 16.

---

## **4.0. FIRST AID MEASURES**

### **4.1 Description of first aid measures**

#### **4.1.1 Inhalation**

If symptoms arise remove from source of exposure to fresh air; seek medical attention if symptoms persist or develop

#### **4.1.2 Skin & Eye exposure**

Skin: Drench immediately with water. Remove any contaminated clothing and launder before re-use. Obtain medical attention if symptoms persist or develop.

Eyes: Immediately rinse with clean water for 15 minutes. Obtain medical attention if eye irritation develops or persists.

#### **4.1.3 Ingestion**

Do not induce vomiting. Wash out mouth with water and give water to drink. Obtain medical attention if adverse health effects persist or are severe.

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

None reported.

**See SECTION 11 for more detailed information on health effects and symptoms.**

### **4.3 Indications of any immediate medical attention and special treatment needed**

#### **Notes to physician**

No specific treatment. Treat symptomatically.

---

## **5. FIRE-FIGHTING MEASURES**

### **5.1 Extinguishing media**

#### **Suitable**

Use water spray, fog or foam, carbon dioxide. Use an extinguishing agent suitable for the surrounding fire. Use water spray to cool containers.

#### **Not suitable**

No information available.



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

In a fire or if heated, a pressure increase may occur. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

### **Hazardous thermal decomposition products**

In combustion, may emit toxic fumes.

## **5.3 Advice for firefighters**

### **Special precautions for fire-fighters**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

### **Special protective equipment for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

---

## **6. ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

The following precautions are considered to be good practice when using any chemicals irrespective of their classification unless otherwise specified.

Ensure adequate ventilation

Use personal protective equipment,

- Gloves
- Eye protection
- Suitable respirator if dust is generated during handling

### **6.2 Environmental Precautions**

Do not allow to enter storm drains or water courses. If this product enters a water course or a sewer (including via contaminated soil & vegetation) in large quantities contact local water authority and inform the Environment Agency

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

Absorb spillage onto inert material such as sand or Fuller's earth and transfer to a suitably-labelled container. Contact specialist waste disposal contractor.

### **6.4 Reference to other sections**

**Note: see SECTION 1 for emergency contact information, SECTION 8 for personal protection and section 13 for waste disposal.**

---

## **7. Handling and storage**

### **7.1 Precaution for safe handling**

Avoid contact with skin and eyes. Wash Hands thoroughly after handling

Do not eat, drink or smoke when using this product

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



Store in a cool dry atmosphere, in original labelled containers. Refer to manufacturer for maximum safe stacking height.

### 7.3 Specific end use(s)

Supplied for amateur use as a herbicide

---

## 8. Exposure controls/personal protection

### 8.1 Control Parameters

None set for contents.

### 8.2 Exposure controls

#### General

Avoid contact with skin, eyes and clothing.

#### Hygiene measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure that there is sufficient ventilation of the area.

#### Eye and face protection

Wear tightly fitting safety goggles and Face shield that meet EN 166 a/o ANSI Z87.1 standards

#### Skin protection

When handling product wear chemical-resistant gloves.

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact. Always seek advice from glove suppliers. Select gloves approved to EU standard EN407.

Wear impermeable protective clothing, butyl rubber apron and boots.

#### Inhalation

Provide a good standard of general ventilation. Use outdoors or ensure adequate air changes.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state: liquid

Colour: colourless

Odour: Characteristic

Odour threshold: No data

pH: No data

Melting Point: No data

Initial boiling point and boiling range: 106 °C

Flash point: No data

Evaporation rate: No data

Flammability: No data

Explosion limits

Upper: No data

Lower: No data



Vapour pressure: No data  
Vapour density: No data  
Specific gravity: No data  
Solubility: soluble in water  
Partition coefficient: n-octanol/water No data  
Auto-ignition temperature: No data  
Decomposition temperature: No data  
Viscosity: Not applicable  
Explosive properties: No data  
Oxidising properties: No data

## 9.2 Other Information

No other relevant information available.

---

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of 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

Avoid heat.

### 10.5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

### 10.6 Hazardous decomposition products

In combustion, may emit toxic fumes.

---

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**The mixture has not been assessed for toxicological effects, the mixture classification is given in section 2 based on individual component contents. Individual component hazards are given in section 3**

Acute toxicity:	Not expected to be toxic.
Skin corrosion/irritation:	Product is not classified as causing skin irritation.
Serious eye damage/irritation:	Product is not classified as causing serious eye damage or irritation.
Respiratory or skin sensitisation:	Product is not classified as causing skin sensitisation.
Germ cell mutagenicity:	No information specified.
Carcinogenicity:	No information specified.
Reproductive toxicity:	No information specified.
STOT-single exposure:	Product is not classified as having Specific Target Organ Toxicity for single exposure



STOT-repeated exposure: No information specified.  
Aspiration hazard: No information specified.

**Toxicity values:**

Route	Species	Test	Value	Units
Dermal	Rat	LD50	>2000	mg/Kg bw
Oral	Rat	LD50	>2000	mg/Kg bw

**Potential health effects**

No data available.

**Signs and Symptoms of Exposure**

No data available.

---

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

Mixture not classified as harmful to aquatic life.

**12.2 Persistence and degradability**

Information not available.

**12.3 Bioaccumulative potential**

No information.

**12.4 Mobility in soil**

No information.

**12.5 Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be PBT or vPvB.

**12.6 Other adverse effects**

No information.

---

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods**

**Methods of disposal:**

The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues.  
This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.  
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Hazardous waste:**

The classification of the product may meet the criteria for a hazardous waste



---

#### 14. TRANSPORT INFORMATION

**14.1 UN number:** Not applicable

**14.2 UN proper shipping name:** Not applicable

**14.3 Transport hazard:** Not applicable

**14.4 Packing group:** Not applicable

**14.5 Environmental hazards:** Product is not classified as harmful to the environment.

**14.6 Special precautions for user:** No information available

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**

Applicable for Maritime bulk transport only. Check with carrier.

---

#### 15. REGULATORY INFORMATION

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

This substance is classified and labelled in accordance with regulation 1272/2008 and Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**15.2 Chemical Safety Assessment (CSA)**

CSA not undertaken for this substance

---

#### 16. OTHER INFORMATION

**Reason for revision** Updated to new format and in line with other products

**Abbreviations:**

LC/LD50	Lethal Concentration/Dose 50%
PBT	Persistent, Bioaccumulative, Toxic
STOT	Specific Target Organ Toxicity
vPvB	very Persistent, very Bioaccumulative

**SDS information:**

This safety data sheet is compiled using data submitted for raw materials and practical experience. This product is intended for professional users only.

This Safety Data Sheet is prepared in compliance with regulation 1272/2008 and Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

THE INFORMATION GIVEN HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT AND IS PRESENTED IN GOOD FAITH BUT NO WARRANTY, EXPRESSED OR IMPLIED IS GIVEN.