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SAFETY DATA SHEET
Doff 24/7 Fast-Acting Weedkiller

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

1.1 Product Identifier:

Product name: Doff 24/7 Fast-Acting Weedkiller
Product code: F-FU-XXX-DOF

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

Herbicide spray – ready to use

1.3 Details of the supplier of the safety data sheet:

Doff Portland Limited
Aerial Way
Hucknall
Nottingham
NG15 6DW
UK
Phone 0115 983 4335

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

1.4 Emergency phone number

Emergency telephone number:
National Poisons Information Service
Phone UK 111 / IE 01-8092166

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLASSIFICATION according to Regulation EC 1272/2008 Classification, Labelling and Packaging
This mixture is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

2.2 Label Elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Product Name: Doff 24/7 Fast-Acting Weedkiller

Pictogram: [None]

Signal word: [None]

Hazard statements: [None]



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.

Special rules for supplemental label elements for certain mixtures

(EUH401) To avoid risks to human health and the environment, comply with the instructions for use.

Additional information

Special rules for labelling of plant protection products

Do not contaminate water with the product or its container. (SP1)

2.3 Other Hazards

Information pertaining to special dangers for human and environment

No risks known if applied according to instructions.




3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Description

Herbicide with pelargonic acid – contained as ammonium salt.

Hazardous ingredients

Name:	CAS/EC No.	Index No./REACH Registration No.	Pictogram(s) according to 1272/2008:	H-phrase(s) according to 1272/2008:	Concentrations [% w/w]
Propan-2-ol	67-63-0/ 200-661-7	-	  GHS02, GHS07	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336	2
Pelargonic acid	112-05-0/ 203-931-2	Index No.: - REACH Registration No: 01- 2119529247- 37-0000	 GHS07	Skin Irrit. 2, H315 / Eye Irrit. 2, H319 / Aquatic Chronic 3, H412	3.1

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

Ensure of fresh air.

4.1.2 Skin & Eye exposure

Skin: In case of contact with skin wash off with water.

Eyes: Consult a physician if problems continue.

In case of contact with eyes rinse thoroughly with water.

4.1.3 Ingestion

Consult a physician if symptoms appear.

4.2 Most important symptoms and effects, both acute and delayed

Physician's information / possible symptoms

No symptoms known so far.

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

Symptomatic treatment.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable

Water

Foam

Dry powder

Carbon dioxide.

Not suitable

No information available.

5.2 Special hazards arising from the substance or mixture

No information available.

5.3 Advice for firefighters

Special precautions for fire-fighters

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel



Forms slippery surfaces with water.

6.2 Environmental Precautions

Do not discharge into surface waters/groundwater

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand, sawdust, general-purpose binder).

Flush away residues with water.

6.4 Reference to other sections

No information available.

7. Handling and storage

7.1 Precaution for safe handling

Advice on safe handling

Follow the instructions

General protective measures

Avoid long and intensive skin contact.

Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink, smoke or take drugs.

Keep away from food and drink.

Advice on protection against fire and explosion

No special measures necessary

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep only in original container.

Advice on storage compatibility

Do not store together with animal feedstuffs.

Do not store together with food.

Further information on storage conditions

Protect from frost.

Storage group 12

7.3 Specific end use(s)

Recommendation(s) for intended use

Use only as herbicide according to the operating instruction

8. Exposure controls/personal protection

8.1 Control Parameters



No information available.

8.2 Exposure controls

Hand protection

Wear disposable gloves (plastic or rubber), if necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state: Liquid

Colour: Yellowish

Odour: Alcoholic

Odour threshold: Not determined

pH: 7.8 (at 20 °C)

Melting Point: Not determined

Initial boiling point and boiling range: Not determined

Flash point: 63 °C

Evaporation rate: Not determined

Flammability: Not applicable

Explosion limits

Upper: Not determined

Lower: Not determined

Vapour pressure: Not determined

Vapour density: Not determined

Relative density: 1 g/cm³ (at 20 °C) [Method: OECD 109]

Solubility in water: Readily soluble in water

Solubility/other: Not determined

Partition coefficient: n-octanol/water Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity dynamic: 7 mPa's (at 20 °C) [Method: OECD 114]

Solvent content: 2%

Explosive properties: The product is not explosive

Oxidising properties: The product has no oxidizing properties

9.2 Other Information

No information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

**10.4 Conditions to avoid**

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Not required.

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/Irritation/Sensitization

	Value/Validation	Species	Method
LD50 acute oral	> 5000 mg/kg	rat	OECD 401
LD50 acute dermal	> 5000 mg/kg	rat	OECD 402
Skin irritation	non-irritant	rabbit	OECD 404
Eye irritation	non-irritant	rabbit eye	OECD 405
Skin irritation	non-sensitizing	guinea pig	OECD 406

Toxicity test (Additional information)

No poisonous effects are known up to now.

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects**General regulation**

Do not allow uncontrolled leakage of product into the environment.

13. DISPOSAL CONSIDERATIONS



13.1 Waste Treatment Methods

Waste code No. 06 13 01*

Name of waste Inorganic plant protection products, wood-preserving agents and other biocides.

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

Recommendations for the product

Small amounts out of private households should be given away to the official disposal sites.

Recommendations for packaging

Completely emptied container/bottles return to a recycling-system.

Recommended cleansing agent

Water

General information

Follow the instructions

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

No information available.

Transport/further information

Non hazardous good

15. REGULATORY INFORMATION

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

VOC standard

VOC content 2 %

National regulations

Water hazard class 1 self-classification.

15.2 Chemical Safety Assessment (CSA)

No information available

16. OTHER INFORMATION

Recommended uses and restrictions

Follow the instructions



Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It doesn't represent a guarantee of the properties of the product. It's not a technical specification.

Flam. Liq. 2	Flammable Liquid category 2
STOT SE 3	Specific Target Organ Toxicity – Single Exposure category 3
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic hazard, category 3
Eye Irrit. 2	Eye Irritation category 2
LC/LD50	Lethal Concentration/Dose 50%
PBT	Persistent, Bioaccumulative, Toxic
Skin Irrit. 2	Skin Irritation category 2
STOT	Specific Target Organ Toxicity
vPvB	very Persistent, very Bioaccumulative

Other Hazard Information assigned to individual ingredients, but not carried to final classification:

- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H412 Harmful to aquatic life with long lasting effects.

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.

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