

SAFETY DATA SHEET

Doff Outdoor Cleaning Fluid Concentrated

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

1.1 Product Identifier:

Product name: Doff Outdoor Cleaning Fluid Concentrated

Product code: F-NE-A00-DOF

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

Detergent

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

1.4 Emergency phone number

Emergency telephone number: In case of a medical emergency following exposure to a chemical call NHS
Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLASSIFICATION according to Regulation EC 1272/2008 Classification, Labelling and Packaging

Skin Irritation, Category 2 – H315

Eye Damage, Category 1 – H318

2.2 Label Elements

Product Name: Doff Outdoor Cleaning Fluid Concentrated



Pictogram: GHS05

Signal word: Danger

Hazard statements: EUH208 Contains ALPHA-METHYLCINNAMALDEHYDE. May produce an allergic reaction.



H315 Causes skin irritation.
 H318 Causes serious eye damage.

Precautionary statements: P102 Keep out of reach of children.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P501 Dispose of contents/ container in accordance with local regulations.

Contains: QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL,
 CHLORIDES, TETRASODIUM ETHYLENE DIAMINE TETRAACETATE.

Detergent labelling: < 5% disinfectants, < 5% EDTA and salts thereof, < 5% perfumes, < 5% phosphates

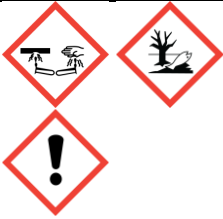


Supplementary P264 Wash contaminated skin thoroughly after handling.
 precautionary Statements: P310 Immediately call a POISON CENTER/ doctor
 P321 Specific treatment (see medical advice on this label).

2.3 Other Hazards

This product does not contain any substances classified as PBT or vPvB

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

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]
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES	68424-85-1/270-325-2	-	 GHS05, GHS09, GHS07	Acute Tox. 4 – H302, Acute Tox. 4 – H312, Skin Corr. 1B – H314, Eye Dam. 1 – H318, Aquatic Acute 1 – H400	1-5
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	64-02-8/200-573-9	-	 GHS07, GHS05	Acute Tox. 4 – H302, Acute Tox. 4 – H332, Eye Dam. 1 – H318	1-5
ALPHA-METHYLCINNAMALDEHYDE	101-39-3/202-938-8	-		Skin Sens. 1 – H317	< 1



			GHS07		
--	--	--	-------	--	--

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4.0. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

Provide eyewash station.

4.1.2 Inhalation

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

4.1.3 Ingestion

Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues

4.1.4 Skin contact

Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

4.1.5 Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

4.2.1 General information

Provide eyewash station

4.2.2 Skin contact

Prolonged contact may cause redness, irritation and dry skin.

4.2.3 Eye contact

The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes.

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 recommendations.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media



The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

5.3 Advice for firefighters

Protective actions during firefighting

Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for fire-fighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery.

6.2 Environmental Precautions

Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4 Reference to other sections

Note: see SECTION 1 for emergency contact information, SECTION 11 for additional information on health hazards, SECTION 8 for personal protection and section 13 for waste disposal.

7. Handling and storage

7.1 Precaution for safe handling

7.1.1 Usage precautions

Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

7.1.2 Advice on general occupational hygiene

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

7.2 Conditions for safe storage, including any incompatibilities



Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. Exposure controls/personal protection

8.1 Control Parameters

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

DNEL	General population - Oral; Long term systemic effects: 25 mg/kg/day General population - Inhalation; Long term local effects: 0.6 mg/m ³ General population - Inhalation; Short term local effects: 1.2 mg/m ³ Workers - Inhalation; Long term local effects: 1.5 mg/m ³ Workers - Inhalation; Short term local effects: 3 mg/m ³
PNEC	Fresh water; 2.2 mg/l Marine water; 0.22 mg/l Intermittent release; 1.2 mg/l STP; 43 mg/l Soil; 0.72 mg/kg

8.2 Exposure controls

Protective equipment

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible

Appropriate engineering controls:

Provide adequate ventilation.

Eye and face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, gloves should comply with European Standard EN374.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate



hand lotion to prevent defatting and cracking of skin.

Hygiene measures

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

Respiratory protection not required.

Environmental exposure controls

Avoid releasing into the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Viscous liquid
Colour:	Dark brown
Odour:	Phenolic.
pH: pH (concentrated solution):	11.00
Relative density:	~ 1.020
Solubility(ies):	Soluble in water
Explosive under the influence of a flame:	Not considered to be explosive
Comments:	Information given is applicable to the product as supplied

9.2 Other Information

Not relevant.

10. STABILITY AND REACTIVITY

10.1 Reactivity

There are no known reactivity hazards associated with this product.

10.2 Chemical stability

Stable at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Not applicable.

10.4 Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5 Incompatible materials

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6 Hazardous decomposition products

No known hazardous decomposition products.



11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological effects No information available.

Acute toxicity – oral

Notes (oral LD₅₀) Calculation method.

ATE oral (mg/kg) 9,471.89

Acute toxicity - dermal

Notes (dermal LD₅₀) Calculation method.

ATE dermal (mg/kg) 41,600.0

Acute toxicity - inhalation

ATE inhalation (dusts/mists 207.0 mg/l)

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin. Calculation method.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage. Calculation method.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

General information

Ingestion This product has low toxicity.
May cause irritation. Symptoms following overexposure may include the following:
Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact

Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash.

Eye contact

Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.

Toxicological information on ingredients

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Acute toxicity – oral

Acute toxicity oral (LD₅₀ mg/kg) 397.5



Species	Rat
ATE oral (mg/kg)	397.5
Acute toxicity - dermal	
ATE dermal (mg/kg)	1,560.0

12. ECOLOGICAL INFORMATION

Ecotoxicity There are no data on the ecotoxicity of this product. Not regarded as dangerous for the environment.

12.1 Toxicity

The product contains a substance which is harmful to aquatic organisms.

Ecological information on ingredients.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Acute aquatic toxicity

LE(C) ₅₀	0.1 < L(E)C ₅₀ ≤ 1
M factor (Acute)	1
Acute toxicity - fish	LC ₅₀ , 96 hours: 0.85 – 1.2 mg/l, Fish
Acute toxicity - aquatic Invertebrates	EC ₅₀ , 48 hours: 0.02 mg/l, Daphnia magna
Acute toxicity - aquatic Plants	LC ₅₀ , 96 hours: 0.06 mg/l, Algae

12.2 Persistence and degradability

There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

Ecological information on ingredients.

QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES

Persistence and Degradability The substance is readily biodegradable.

12.3 Bioaccumulative potential

No data available on bioaccumulation.

12.4 Mobility in soil

The product is water-soluble and may spread in water systems.

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.



12.6 Other adverse effects

None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

General information

Do not discharge into drains or watercourses or onto the ground.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Reuse or recycle products wherever possible.

14. TRANSPORT INFORMATION

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1 UN number: Not applicable

14.2 UN proper shipping name: Not applicable

14.3 Transport hazard: No transport warning sign required

14.4 Packing group: Not applicable

14.5 Environmental hazards: Environmentally hazardous substance/marine pollutant. No.

14.6 Special precautions for user: Not applicable

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

Not applicable.

15. REGULATORY INFORMATION

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

National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

EU legislation

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) (as amended).

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended).

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and

Directive 91/689/EEC on hazardous waste with amendments.

Commission Regulation (EU) No 2015/830 of 28 May 2015.



Guidance

Workplace Exposure Limits EH40.
ECHA Guidance on the Application of the CLP Criteria.
ECHA Guidance on the compilation of safety data sheets.
COSHH Essentials.
Technical Guidance WM2: Hazardous Waste.

15.2 Chemical Safety Assessment (CSA)

No information available.

16. OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet:

DNEL: Derived No Effect Level.
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No Effect Concentration.
MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.

Revision comments

New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015' NOTE: Lines within the margin indicate significant changes from the previous revision.

Hazard statements in full

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.
EUH208 Contains ALPHA-METHYLCINNAMALDEHYDE. May produce an allergic reaction.

SDS information:

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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.