



SAFETY DATA SHEET
DOFF FLY & WASP INSECT KILLER

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Compilation date: 02/12/2013

Revision No: 1

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

1.1. Product identifier

Product name: DOFF FLY & WASP INSECT KILLER

Product code: DP1032

1.2. Relevant identified uses of the substance or mixture and uses advised against

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

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: F+: R12; N: R50/53

Classification under CLP: Flam. Liq. 1: H224; Aquatic Chronic 2: H411; -: EUH208

Most important adverse effects: Extremely flammable. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Label elements under CLP:

Hazard statements: EUH208: Contains permethrin. May produce an allergic reaction.

H224: Extremely flammable liquid and vapour.

H411: Toxic to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS09: Environmental



Precautionary statements: P243: Take precautionary measures against static discharge.

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P273: Avoid release to the environment.

P280: Wear protective gloves.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.

Rinse skin with water.

P403+235: Store in a well-ventilated place. Keep cool.

Label elements under CHIP:

Hazard symbols: Extremely flammable.

Dangerous for the environment.



Risk phrases: R12: Extremely flammable.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S33: Take precautionary measures against static discharges.

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

Precautionary phrases: Contains permethrin. May produce an allergic reaction.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

PROPANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-827-9	74-98-6	F+: R12 Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%

LOW BOILING POINT NAPHTHA - SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH.

265-192-2	64742-89-8	Xn: R65; F+: R12; Xi: R38; N: R51/53	Asp. Tox. 1: H304; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	1-10%
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PIPERONYL BUTOXIDE

200-076-7	51-03-6	N: R50/53	-	<1%
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TETRAMETHRIN

231-711-6	7696-12-0	N: R50/53	Aquatic Chronic 1: H410	<1%
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PERMETHRIN

258-067-9	52645-53-1	Xn: R20/22; Sens.: R43; N: R50/53	Acute Tox. 4: H302; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Acute 1: H400; 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.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Remove from exposure, rest and keep warm. Solvent abuse can kill.

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.

Inhalation: May cause irritation. Solvent abuse can kill.

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. Use water spray to cool containers.

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 self-contained breathing apparatus. 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: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

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6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. 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 cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition.

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

Hazardous ingredients:

PROPANE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1800 mg/m3	7200 mg/m3	-	-

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: No special requirements under normal use conditions.

Hand protection: Protective gloves.

Eye protection: No special requirements under normal use conditions.

Skin protection: No special requirements under normal use conditions.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Off-white

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Odour: Characteristic odour

Solubility in water: Soluble

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: Heat. Sources of ignition. Direct sunlight.

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:

TETRAMETHRIN

DUST/MIST	RAT	3H LC50	2500	mg/m3
ORAL	RAT	LD50	4640	mg/kg

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.

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.

Inhalation: May cause irritation. Solvent abuse can kill.

[cont...]

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Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

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: Readily absorbed into soil.

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: Toxic to aquatic organisms. Toxic to soil organisms.

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: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS
(TETRAMETHRIN; PERMETHRIN)

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

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Tunnel code: D

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: HSE No: 9716

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: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
H220: Extremely flammable gas.
H224: Extremely flammable liquid and vapour.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H332: Harmful if inhaled.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.
R12: Extremely flammable.
R20/22: Harmful by inhalation and if swallowed.
R38: Irritating to 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.
R65: Harmful: may cause lung damage if swallowed.

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.