



SAFETY DATA SHEET
PESTSHIELD GLYPHOSATE WEEDKILLER CONCENTRATE

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Compilation date: 03/08/2017
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Revision No: 2

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

1.1. Product identifier

Product name: PESTSHIELD GLYPHOSATE WEEDKILLER CONCENTRATE
Product code: PS0076 / PS0079

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

Use of substance / mixture: SU 21 - Consumer Uses.
Herbicide

1.3. Details of the supplier of the safety data sheet

Company name: 151 Products Ltd
The Old School House
39 Bengal Street
Manchester
M4 6AF
United Kingdom
Tel: +44 (0)161 839 5949
Fax: +44 (0)161 839 5493
Email: fereshteh@151.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0)161 839 5949
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412

Most important adverse effects: Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H412: Harmful to aquatic life with long lasting effects.

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.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves & eye protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove

[cont...]

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contact lenses, if present and easy to do. Continue rinsing.

P313: Get medical advice/attention.

P501: Dispose of contents/container to local authority regulations.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

GLYPHOSATE (ISO)

EINECS	CAS	PBT / WEL	CLP Classification	Percent
213-997-4	1071-83-6	-	Eye Dam. 1: H318; Aquatic Chronic 2: H411	5-10%

2-AMINOPROPANE

200-860-9	75-31-0	-	Flam. Liq. 1: H224; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315	1-3%
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QUATERNARY AMMONIUM COMPOUND

-	-	-	Skin Corr. 1A: H314; Eye Irrit. 2: H319; Aquatic Chronic 3: H412	<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. If irritation persists seek medical attention.

Ingestion: Wash out mouth with water.

Inhalation: * Not applicable.

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: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

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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: * This product is not combustible, however, combustion of the packaging will generate 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. Turn leaking containers leak-side up to prevent the escape of liquid.

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 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: Avoid direct contact with the substance. For outdoor use only. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. KEEP OUT OF THE REACH OF CHILDREN.

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

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Hazardous ingredients:

2-AMINOPROPANE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	12 mg/m ³	48 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: For outdoor use only.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

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

Boiling point/range°C: 106

Vapour pressure: <2.1 x 10⁻⁷ Pa m³

Relative density: No data available.

pH: No data available.

VOC g/l: No data available.

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.
Decomposition may occur on exposure to conditions or materials listed below.

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10.4. Conditions to avoid

Conditions to avoid: Heat.

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

Toxicity values:

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

Hazardous ingredients:

GLYPHOSATE (ISO)

ORL	MUS	LD50	1568	mg/kg
ORL	RAT	LD50	4873	mg/kg

2-AMINOPROPANE

IPR	RAT	LDLO	50	mg/kg
ORL	MUS	LD50	2200	mg/kg
ORL	RAT	LD50	111	mg/kg

QUATERNARY AMMONIUM COMPOUND

DERMAL	RAT	LD50	600	mg/kg
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Excluded hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	-	Based on available data the classification criteria are not met
Serious eye damage/irritation	-	Based on available data the classification criteria are not met
Respiratory/skin sensitisation	-	Based on available data the classification criteria are not met

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

[cont...]

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Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
Daphnia	LC50 48hr	>100	mg/L
Rainbow trout	LC50 96hr	>100	mg/L

Hazardous ingredients:

QUATERNARY AMMONIUM COMPOUND

ZEBRAFISH (Brachydanio rerio)	96H LC50	21	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: * No data available.

12.4. Mobility in soil

Mobility: Soluble in water. Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Harmful to aquatic organisms. Harmful 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

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Regulation (EC) No 1107/2009

MAPP No: 18105

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H224: Extremely flammable liquid and vapour.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

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.

