

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Pro 41 Envirodri Spot Remover

Revision 0
Revision date 2012-11-08

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

1.1. Product identifier

Product name	Pro 41 Envirodri Spot Remover
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1.3. Details of the supplier of the safety data sheet

Company	Cleantec Innovation Limited
Address	Cleantec House Building 356 Discovery Park Ramsgate Road Sandwich Kent CT13 9ND United Kingdom
Web	www.cleantecinnovation.com
Telephone	+44 (0) 1304 897615
Fax	+44 (0) 1304 897624
Email	info@cleantecinnovation.com
Email address of the competent person	info@cleantecinnovation.com

1.4. Emergency telephone number

Emergency telephone number	+44 (0) 8707 337733 8.30am to 4.30pm Mon - Fri
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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2.2. Label elements

Risk phrases	No Significant Hazard.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
ALKYL DIMETHYL BETAINE		66455-29-6	266-368-1		1 - 10%	Xi; R36/38
2-Bromo-2-nitropropane-1,3-diol	603-085-00-8	52-51-7	200-143-0		< 1%	Xn; R21/22 Xi; R37/38-41 N; R50

SECTION 4: First aid measures

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	No Symptoms.
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4.2. Most important symptoms and effects, both acute and delayed

Eye contact	There may be irritation and redness.
Skin contact	There may be mild irritation at the site of contact.
Ingestion	There may be irritation of the throat.

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

Inhalation	Move the exposed person to fresh air.
Eye contact	Bathe the eye with running water for 15 minutes.
Skin contact	Wash off immediately with plenty of soap and water.
Ingestion	Wash out mouth with water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. Cool fire exposed containers with waterspray.
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5.2. Special hazards arising from the substance or mixture

	In combustion emits toxic fumes.
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5.3. Advice for firefighters

	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.
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6.2. 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

	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Ensure adequate ventilation of the working area.
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7.2. Conditions for safe storage, including any incompatibilities

	Store in a cool, dry, well-ventilated area. Keep container tightly closed.
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
Eye / face protection	Safety glasses. Ensure eye bath is to hand.
Skin protection - Handprotection	Protective clothing. Protective gloves.
Respiratory protection	Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

State	Liquid
Colour	White
Odour	Characteristic
pH	7
Relative density	1
Solubility	Soluble in water

Further information

Non-viscous.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong acids. Strong oxidising agents.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: Toxicological information

11.1.4. Toxicological Information

2-Bromo-2-nitropropane-1,3-diol	Dermal Rat LD50: 1600mg/kg Oral Mouse LD50: 270mg/kg	Oral Rat LD50: 180mg/kg
ALKYL DIMETHYL BETAINE	Oral Rat LD50: >2000mg/kg	

11.1.13. Other information

Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

SECTION 12: Ecological information

12.2. Persistence and degradability

Biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

Readily absorbed.

12.6. Other adverse effects

Negligible ecotoxicity.

SECTION 13: Disposal considerations

Disposal methods

D10 Incineration on land.

Disposal of packaging

May be reused following decontamination.

Further information

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

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ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

Regulations

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) and amendments thereof up to and including Regulation (EU) No 453/2010.

Further information

The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

SECTION 16: Other information

Other information

Text of risk phrases in Section 3

R21/22 - Harmful in contact with skin and if swallowed.
R36/38 - Irritating to eyes and skin.
R37/38 - Irritating to respiratory system and skin.
R41 - Risk of serious damage to eyes.
R50 - Very toxic to aquatic organisms.

Further information

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.