



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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SMART GREEN GRAFFITI REMOVER

Revision 3

Revision date 2016-03-14

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

1.1. Product identifier

Product name SMART GREEN GRAFFITI REMOVER

1.3. Details of the supplier of the safety data sheet

Company Smart Graffiti Ireland
Address Apple View, Trim Road, Kildalkey, Co. Meath, C15 W702, Ireland
Web www.smartgraffiti.eu
Telephone +353 (0)86 8111187
Fax N/A
Email sales@smartgraffiti.eu

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC F; R11 C; R35 R66-67
Symbols: F: Highly flammable. C: Corrosive.
Main hazards Highly flammable. Causes severe burns. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

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
Ethanol	603-002-00-5	64-17-5	200-578-6		20 - 30%	F; R11
Methanol	603-001-00-X	67-56-1	200-659-6		1 - 10%	F; R11 T; R23/24/25-39/23/24/25
Acetone	606-001-00-8	67-64-1	200-662-2		20 - 30%	F; R11 Xi; R36 R66 R67
3-Butoxypropan-2-ol		5131-66-8	225-878-4		10 - 20%	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		10 - 20%	C; R35
Alcohol ethoxylate with 6.5MEO >90%		68439-45-2			1 - 10%	Xn; R22 Xi; R41

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Irritating to respiratory system. Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.

Eye contact Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

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4.1. Description of first aid measures

Ingestion	If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear: Self-contained breathing apparatus.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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6.2. Environmental precautions

	Prevent further spillage if safe. Do not allow product to enter drains. Do not flush into surface water. Advise local authorities if large spills cannot be contained.
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6.3. Methods and material for containment and cleaning up

	Contain with sand or granules. Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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7.2. Conditions for safe storage, including any incompatibilities

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

8.1. Control parameters

8.1.1. Exposure Limit Values

Acetone	WEL 8-hr limit ppm: 500	WEL 8-hr limit mg/m ³ : 1210
	WEL 15 min limit ppm: 1500	WEL 15 min limit mg/m ³ : 3620
Ethanol	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m ³ : 1920
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
Methanol	WEL 8-hr limit ppm: 200	WEL 8-hr limit mg/m ³ : 266
	WEL 15 min limit ppm: 250	WEL 15 min limit mg/m ³ : 333
Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : 2

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing.
Eye / face protection	Face shield.
Skin protection - Handprotection	Rubber gloves.
Respiratory protection	Wear suitable respiratory equipment when necessary.

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8.2. Exposure controls

8.2.3. Environmental exposure controls	No data is available on this product.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Brown
Odour	Characteristic
pH	13 - 14
Flash point	12
Solubility	Soluble in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Stable under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
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SECTION 12: Ecological information

12.1. Toxicity

	No data is available on this product.
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SECTION 13: Disposal considerations

General information

	Dispose of in compliance with all local and national regulations.
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SECTION 14: Transport information

Hazard pictograms

Hazard pictograms	 
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14.1. UN number

	UN2920
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14.2. UN proper shipping name

Proper Shipping Name	FLAMMABLE LIQUID, CORROSIVE, N.O.S. (CONTAINS SODIUM HYDROXIDE & ACETONE)
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14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	8
IMDG	3
Subsidiary risk	8
IATA	3
Subsidiary risk	8

14.4. Packing group

Packing group	II
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14.5. Environmental hazards

Environmental hazards	No
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14.5. Environmental hazards

Marine pollutant	No
ADR/RID	
Hazard ID	338
Tunnel Category	D/E
IMDG	
EmS Code	F-E S-C
IATA	
Packing Instruction (Cargo)	363
Maximum quantity	5 L
Packing Instruction (Passenger)	352
Maximum quantity	1 L

SECTION 15: Regulatory information

Labelling

Symbols	Health Hazard	Flammable	Corrosive	Harmful
	Risk phrases			
Risk phrases	R11 - Highly flammable. R35 - Causes severe burns. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.			
Safety phrases	S1/2 - Keep locked up and out of the reach of children. S13 - Keep away from food, drink and animal feedingstuffs. S16 - Keep away from sources of ignition - No smoking. S25 - Avoid contact with eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of Water. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S46 - If swallowed, seek medical advice immediately and show this container or label.			

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 9 - 9.1. Information on basic physical and chemical properties. 9 - 9.2. Other information.
Text of risk phrases in Section 3	R11 - Highly flammable. R22 - Harmful if swallowed. R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R35 - Causes severe burns. R36 - Irritating to eyes. R36/38 - Irritating to eyes and skin. R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R41 - Risk of serious damage to eyes. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.

Further information

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Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process. This version replaces all previous versions.