

SAFETY DATA SHEET - GRAFFITI REMOVER

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) 1272/2008 (CLP)

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

1.1 Product identifier

Product Name	Graffiti Remover
Trade name	XGRAF
CAS No.	
EINECS No.	

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

Identified use(s)	Removal of felt-pen and ink-based graffiti
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1.3 Details of the supplier of the safety data sheet

Company Identification	Bio Productions Ltd
Company Address	72 Victoria Road, Burgess Hill, RH15 9LH, United Kingdom
Telephone	0044 (0) 1444 244000
Fax	0044 (0) 1444 244999
E-Mail (competent person)	technical@bio-productions.com

1.4 Emergency telephone number

Emergency Phone No.	0044 (0) 1444 244000 (office hours only)
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2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	FLAMMABLE
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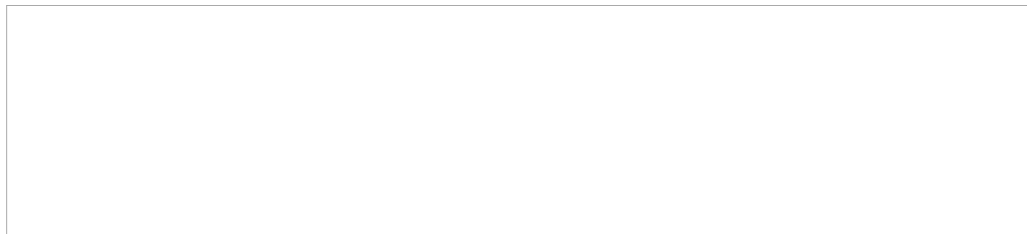
2.1	Regulation (EC) No. 1272/2008 (CLP)
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2.1	Directive 67/548/EEC & Directive 1999/45/EC
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2.2 Label elements

2.2.1	Label elements
	GHS Product Identifier

Hazard pictogram(s) Reach



Signal word(s) Reach	FLAMMABLE
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Hazard statement(s)

Precautionary statement(s)

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3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES
1-Methoxy-2-Propanol	203-539-1	107-98-2	50-100		R10 & R67
Non Hazardous Ingredient(s):	EINECS No	CAS NUMBER	%W/W	SYMBOL	RISK PHRASES

4 FIRST AID MEASURES

4.1 Description of first aid measures (Symptoms)

Inhalation

Skin Contact

Eye Contact

Ingestion

Additional Information

Mist may cause irritation to the respiratory tract. May cause drowsiness.

May cause irritation

May cause irritation

May cause irritation to the mouth, throat and digestive tract

Symptomatic treatment.



4.2 Description of first aid measures (Actions)

Inhalation

Skin Contact

Eye Contact

Ingestion:

Additional Information

If affected, remove to fresh air, keep warm and at rest. Obtain medical attention in severe cases.

Immediately remove all contaminated clothing. Wash skin with soap and cold water. In severe cases obtain medical help.

In case of contact, rinse immediately with plenty of water for at least 10-15 minutes. Obtain medical attention if irritation persists

Do not give anything by mouth to an unconscious person. Wash out mouth with water and give copious amounts of water to drink. Do not induce vomiting. Obtain medical advice if patient unwell.

Always launder contaminated clothing before re-use

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media

Product flammable

Alcohol resistant foam, sand, dry powder, or CO2

5.2 Special hazards arising from the

Substance or mixture

Exposure hazards

In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Special protective

equipment for fire fighters

Full protective equipment including self-contained respiratory protection

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6 ACCIDENTAL RELEASE MEASURES

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|------------|--|---|
| 6.1 | Personal precautions, protective equipment and emergency procedures | Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing – see section 8 of SDS |
| 6.2 | Environmental precautions | Do not discharge into drains or rivers. Contain the spillage using bunding. |
| 6.3 | Methods and material for containment and cleaning up | Small spills can be handled with a mop and water. Large spills should be contained with sawdust and disposed of under local authority regulations |
| 6.4 | Reference to other sections | |
| 6.5 | Additional Information | |

7 HANDLING AND STORAGE

- | | | |
|------------|---|--|
| 7.1 | Precautions for safe handling | Avoid eye contact and skin contact |
| 7.2 | Conditions for safe storage, including any incompatibilities | Keep in original containers |
| 7.3 | Suitable packagine | |
| 7.3 | Specific end use(s) | Keep tightly closed when not in use
Do not store below 5°C or above 30°C
Store away from sparks, naked flames or sources of ignition |

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Hazardous Ingredients

NO OCCUPATIONAL LIMIT ASSIGNED

Workplace exposure limits

Respirable dust

State	8 hour TWA	15 min STEL	8 hour TWA	15 min Stel

8.2 Exposure Controls

Engineering measures

Respiratory Protection

In case of insufficient ventilation, wear suitable respiratory device such as EN141 or EN405, type A

Hand Protection

Nitrile gloves

Eye Protection

Wear safety goggles

Skin Protection

Wear suitable protective overalls

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9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on the basic physical and chemical properties

Form:	Liquid
Odour:	Ether
Colour:	Yellow
Viscosity:	1.7 mPas @ 25 degrees celcius
pH (Value):	6 approx
Density (g/ml):	0.920 approx
Boiling Point:	120 degrees celcius
Flash Point:	31 degrees celcius (closed cup)
Melting Point:	Not available
Pour Point (Deg C):	<0 degrees celcius
Auto Ignition Temp.	287 degrees celius
Vapour Pressures:	2.1 mm Hg
Solubility (water):	Miscible
Solubility (other):	Miscible in alcohol
Partition Coefficient:	Not Applicable
Flammable Limits:	Not Applicable
Oxidising Props.	None

9.2 Other information

10 STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

Extremes of temperature and sources of ignition

10.5 Incompatible materials

Strong oxidising/reducing agents

10.6 Hazardous decomposition products

Burning produces Oxides of Carbon

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11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity values

Route	Species	Test	Value	Units

Relevant effects for mixture

Effect	Route	Basis

11.2 Symptoms / Routes of exposure

Skin contact	May cause irritation to skin with prolonged contact.
Eye Contact	Can cause transient irritation
Ingestion	May cause irritation to the mouth, throat and digestive tract. May also cause nausea.
Inhalation	Mist may irritate the respiratory system. Vapours may cause drowsiness and dizziness.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Eco Toxicity values

Species	Test	Value	Units
Fish	LC50, 96 Hrs	20800	mg/l
Daphnia	EC50, 48 Hrs	23300	mg/l

12.2 Persistence and degradability

The surfactant(s) used in this preparation comply(ies) 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.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil

12.5 Results of PBT and vPvB assessment

12.6 Other Adverse Effects

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13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations	Dispose of in accordance with Local Authority Guidelines and Regulations
Disposal of packaging	Dispose of in accordance with Local Authority Guidelines and Regulations

NB: The users attention is drawn to the possible existence of regional or national regulations regarding disposal

14 TRANSPORT INFORMATION

14.1 UN Number	3092
14.2 UN Proper shipping name	1-METHOXY-2-PROPANOL
14.3 Transport hazard class(es)	
ARD/RID :	Class 3
IMDG :	Proper shipping name 1-METHOXY-2-PROPANOL
IATA :	Proper shipping name 1-METHOXY-2-PROPANOL
14.4 Packing Group	III
14.5 Environmental hazards	
Environmental hazardous	
Marine pollutant	No
14.6 Special precautions for user	

15 REGULATORY INFORMATION

**this preparation was classified in compliance
with the following directions and regulations**

15.1 Hazardous Ingredients	1-METHOXY-2-PROPANOL
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Hazard symbol

EEC classification	FLAMMABLE
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other provisions The regulatory information given above only indicates the principal regulations specifically applicable to the product described in this 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.

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15 REGULATORY INFORMATION (continued)

Risk phrases

R10 Flammable
R67 Vapours may cause drowsiness and dizziness

Safety phrases

S2 Keep out of the reach of children
S24 Avoid contact with skin
S46 If swallowed, seek medical advice immediately and show this container or label.
S26 In case of contact with eyes rinse immediately with plenty of water and se
S23 Do not breathe spray
S51 Use only in well-ventilated areas
S60 This material and its container must be disposed of as hazardous waste

15.2 chemical safety assesment

16 OTHER INFORMATION

16.1 Phrases used in Sections 2 and 3

Risk Phrases

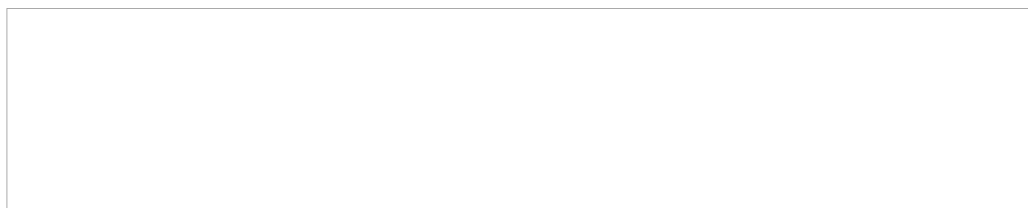
R10 Flammable.
R67 Vapours may cause drowsiness and dizziness

Safety Phrases

16.2 Other Information

CLP label elements

Hazard pictogram(s) CLP



Signal word(s) CLP

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.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements & local regulations
This company shall not be held liable for any damage resulting from handling or from contact with the above product.