



ProSolve® Graffiti Remover

Safety Data Sheet

According to Regulation (EU) No 830/2015 and Regulation (EC) No 1272/2008

Date Revised: 15/01/2025 / Version: 2.3

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: GRAFFITI REMOVER

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

Identified Uses: Graffiti Remover

Usage: designed to safely remove paint

1.3 Details of the supplier of the safety data sheet

Company name: ProSolve

Company Address: Sandall Stones Road, Kirk Sandall Industrial Estate, Doncaster, South Yorkshire, DN3 1QR

Tel: +44 (0) 1302 310 113

E-mail: enquiries@prosolveproducts.com

Web: www.prosolveproducts.com

EU Details:

Address: PO Box: 107, 3150 AC, HOEK VAN HOLLAND

1.4. Emergency Telephone Number

National Health Service (NHS)

NHS England or Scotland: 111

NHS Wales: 0300 0604400

Northern Ireland: Call your local GP

For life-threatening emergencies: Call 999 for an ambulance.

2. Hazards identification

2.1. Classification of the substance or mixture

**Classification (EC
1272/2008)**

Flammable gases, Category 1A, Flammable gas

Gases under pressure: Liquefied gas

Serious eye damage, Category 1

Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 2

2.2. Label elements

**Label In Accordance With
(EC) No. 1272/2008**



Signal Word

Hazard Statements

Danger

H226 Flammable liquid and vapour

H302+H312 Harmful if swallowed or in contact with skin

H315+H319 Causes skin and eye irritation

H317 May cause an allergic skin reaction

H332 Harmful if inhaled

Precautionary Statements

P102 Keep out of reach of children.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P271 Use only outdoors or in a well-ventilated area.

P261 Avoid breathing vapour/spray.

P280 Wear protective gloves.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes.

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

P337+313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local regulations.

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P203 Obtain, read and follow all safety instructions before use.

P273 Avoid release to the environment.

Response

In case of leakage, eliminate all ignition sources.

P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes.

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

P381

P317 Get medical help. P318 IF exposed or concerned, get medical advice.
P391 Collect spillage.

Storage

P403

Store in a well-ventilated place.

P410+P403 Protect from sunlight. Store in a well-ventilated place.

P405 Store locked up.

Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

3. Composition/information on ingredients

3.2. Mixtures

Chemical name	Common names and synonyms	CAS number	EC number	% [weight]
-	Ingredients determined to be nonhazardous	-	-	>=68%
Butane	Butane	106-97-8	203-448-7	17%-19%
Propane	Propane	74-98-6	200-827-9	8%-9%
2-[4-(2,4,4-trimethylpentan-2-yl)phenoxy]ethanol	Triton X-100	9002-93-1	618-344-0	1.5%-2%
Ethanol	Ethanol	64-17-5	200-578-6	1.5%-2%
Poly(oxy-1,2-ethanediyl), alpha-isooctadecyl-omegahydroxy	Isosteareth-10	52292-17-8	-	0.8%-1%

4. First aid measures

4.1. Description of first aid measures

Inhalation	Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical
Ingestion	Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.
Skin contact	Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.
Eye contact	Rinse with pure water for at least 15 minutes. Consult a doctor.

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

No data available

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

No data available

5. Firefighting measures

5.1 Extinguishing Media

Extinguishing media	Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.
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5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards	Aerosol cans may explode in a fire.
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5.3. Advice for firefighters

Special Fire Fighting Procedures	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.
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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2. Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use sparkproof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. Handling and storage

7.1 Precautions for safe handling

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities.

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

8. Exposure controls/personal protection

8.1. Control parameters

Component	Butane			
CAS No.	106-97-8			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Australia	800	1900		
Austria	800	1600	1600	3800
Belgium	800	1928		
Canada - Québec	800	1900		
Denmark	500	1200	1000	2400
Finland	800	1900	1000 (1)	2400 (1)
France	800	1900		
Germany (AGS)	1000	2400	4000 (1)	9600 (1)
Germany (DFG)	1000	2400	4000	9600
Hungary		2350		9400
Japan - JSOH	500	1200		
Latvia		300		
New Zealand	800	1900		
Poland		1900		3000
Singapore	800	1900		
South Korea	800	1900		
Spain	800	1935		
Switzerland	800	1900		
USA - NIOSH	800	1900		
United Kingdom	600	1450	750	1810
	Remarks			
Canada - Ontario	See: Aliphatic hydrocarbon gases			
Finland	(1) 15 minutes average value			
Germany (AGS)	(1) 15 minutes average value			
Germany (DFG)	STV 15 minutes average value			

Component	Propane			
CAS No.	74-98-6			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Austria	1000	1800	2000	3600
Belgium	1000			
Canada - Ontario	(1)			
Canada - Québec	1000	1800		
Denmark	1000	1800	2000	3600
Finland	800	1500	1100 (1)	2000 (1)
Germany (AGS)	1000	1800	4000 (1)	7200 (1)
Germany (DFG)	1000	1800	4000	7200
Poland		1800		
Spain	1000			
Switzerland	1000	1800	4000	7200
USA - NIOSH	1000	1800		
USA - OSHA	1000	1800		
	Remarks			
Canada - Ontario	(1) see aliphatic hydrocarbon gases			
Finland	(1) 15 minutes average value			

Component	Propane
CAS No.	74-98-6
Germany (AGS)	(1) 15 minutes average value
Germany (DFG)	STV 15 minutes average value

Component	Ethanol			
CAS No.	64-17-5			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m³	ppm	mg/m³
Australia	1000	1880		
Austria	1000	1900	2000	3800
Belgium	1000	1907		
Canada - Ontario			1000	
Canada - Québec	1000	1880		
Denmark	1000	1900	2000	3800
Finland	1000	1900	1300 (1)	2500 (1)
France	1000	1900	5000	9500
Germany (AGS)	500	960	1000 (1)	1920 (1)
Germany (DFG)	500	960	1000 (1)	1920 (1)
Hungary		1900		7600
Ireland			1000 (1)	
Latvia		1000		
New Zealand	1000	1880		
Poland		1900		
Singapore	1000	1880		
South Korea	1000	1900		
Spain			1000	1910
Sweden	500	1000	1000 (1)	1900 (1)
Switzerland	500	960	1000	1920
The Netherlands		260		1900
USA - NIOSH	1000	1900		
USA - OSHA	1000	1900		
United Kingdom	1000	1920		
	Remarks			
Finland	(1) 15 minutes average value			
Germany (AGS)	(1) 15 minutes average value			
Germany (DFG)	(1) 15 minutes average value			
Ireland	(1) 15 minutes reference period			
Sweden	(1) 15 minutes average value			

Biological limit values

no data available

8.2.

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ppropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk elimination area.

8.3.

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Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection Wear fire/flammable resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards no data available

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid.

Colour

pure CAS 106-97-8: Colorless gas [Note: Shipped as a liquefied compressed gas. A liquid below 31 degrees F];pure CAS 74-98-6: Colorless gas [Shipped as a liquefied compressed gas].;pure CAS 64-17-5: Colourless.

Odour

pure CAS 106-97-8: Faint, disagreeable odor;pure CAS 74-98-6: Odorless [Note: A foul smelling odorant is often added when used for fuel purposes].;pure CAS 64-17-5: Mild, rather pleasant; like wine or whiskey

Melting point/freezing point

pure CAS 106-97-8: -138°C;pure CAS 74-98-6: -189.7°C;pure CAS 9002-93-1: 259°C(lit.);pure CAS 64-17-5: -114 °C

Boiling point or initial boiling point and boiling range

pure CAS 106-97-8: -0.5°C;pure CAS 74-98-6: -42°C;pure CAS 9002-93-1: 290°C(lit.);pure CAS 64-17-5: 78°C

Flammability

pure CAS 106-97-8: Flammable Gas;pure CAS 74-98-6: Flammable Gas;pure CAS 64-17-5:

Class IB Flammable Liquid: Fl.P. below 73°F and BP at or above 100°F.

Lower and upper explosion (limit/flammability limit)

pure CAS 106-97-8: Lower flammable limit: 1.9% by volume; Upper flammable limit: 8.5% by volume.;pure CAS 74-98-6: Lower flammable limit: 2.1% by volume; Upper flammable limit: 9.5% by volume;pure CAS 64-17-5: Lower flammable limit: 3.3% by volume; Upper flammable limit:19% by volume

Flash point

pure CAS 106-97-8: -60°C;pure CAS 74-98-6: -104°C;pure CAS 9002-93-1: 251°C;pure CAS 64-17-5: 12.0 °C c.c.

Auto-ignition temperature

pure CAS 106-97-8: 365°C;pure CAS 74-98-6: 450°C;pure CAS 64-17-5: 400°C

Decomposition temperature

no data available

pH

no data available

Kinematic viscosity

pure CAS 106-97-8: 7.5 at 300 K; 9.9 at 400 K; 12.2 at 500 K; 14.5 at 600 K (all in uPa.s) (gas);pure CAS 74-98-6: 8.3 uPa.s at 300K; 10.9 uPa.s at 400K; 13.4 uPa.s at 500K; 15.8 uPa.s at 600K;pure CAS 64-17-5: dynamic viscosity (in mPa s) = 1.17. Temperature:20°C. Remarks:Value attributed to Kirk Othmer.

Solubility

pure CAS 106-97-8: Solubility in water, g/100ml at 20°C: 0.0061 ;pure CAS 74-98-6: Solubility in water, g/100ml at 20°C: 0.007 ;pure CAS 64-17-5: Solubility in water: miscible

Partition coefficient n-octanol/water

pure CAS 106-97-8: 2.89;pure CAS 74-98-6: 2.36;pure CAS 64-17-5: -0.32

Vapour pressure

pure CAS 106-97-8: 213.7 kPa(21.1°C);pure CAS 74-98-6: 840 kPa(20°C);pure CAS 64-17-5: 5.8 kPa(20°C)

Density and/or relative density

pure CAS 106-97-8: 0.6; pure CAS 74-98-6: 0.5; pure CAS 9002-93-1: 1.06g/cm³at

25°C(lit.); pure CAS 64-17-5: 0.79

Relative vapour density

pure CAS 106-97-8: 2.11 (vs air); pure CAS 74-98-6: 1.5 (vs air); pure CAS 64-17-5: 1.59 (vs air)

Particle characteristics

no data available

10. Stability and reactivity

10.1. Reactivity No data Available

10.2. Chemical stability No data Available

10.3. Possibility of hazardous reactions No data Available

10.4. Conditions to avoid No data Available

10.5. Incompatible materials No data Available

10.6. Hazardous decomposition products No data Available

11. Toxicological information

11.1. Information on toxicological effects

Inhalation May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

Skin contact Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Eye contact Irritating to eyes.

Route of entry Inhalation. Skin and/or eye contact.

STOT-single exposure

pure CAS 106-97-8: Rapid evaporation of the liquid may cause frostbite. The substance may cause effects on the central nervous system.; pure CAS 74-98-6: Rapid evaporation of the liquid may cause frostbite. The substance may cause effects on the central nervous system.; pure CAS 64-17-5: The substance is severely irritating to the eyes. The vapour at high levels is irritating to the eyes and respiratory tract. The substance may cause effects on the central nervous system.

STOT-repeated exposure

pure CAS 64-17-5: The substance defats the skin, which may cause dryness or cracking. The substance may have effects on the upper respiratory tract and central nervous system. This may result in irritation, headache, fatigue and lack of concentration.

Aspiration hazard

pure CAS 106-97-8: On loss of containment this substance can cause suffocation by lowering the oxygen content of the air in confined areas.; pure CAS 74-98-6: On loss of containment this substance can cause suffocation by

lowering the oxygen content of the air in confined areas.;pure CAS 64-17-5: A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C.

12. Ecological information

Ecotoxicity

Dangerous for the environment if discharged into watercourses.

12.1. Toxicity

Toxicity to fish: pure CAS 64-17-5: LC50 - Pimephales promelas - 14.2 g/L - 96 h.

Toxicity to daphnia and other aquatic invertebrates: pure CAS 64-17-5: LC50 - Ceriodaphnia dubia - 5 012 mg/L - 48 h.

Toxicity to algae: pure CAS 64-17-5: EC10 - Chlorella vulgaris - 86 mg/L - 4 d.

Toxicity to microorganisms: pure CAS 64-17-5: IC50 - activated sludge from domestic and industrial sewage treatment plants - > 1 000 mg/L - 3 h.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

No data available

13. Disposal considerations

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. Transport information

14.1. UN number

UN No. (ADR/RID/ADN)	1950
UN No. (IMDG)	1950
UN No. (IATA)	1950

14.2. UN proper shipping name

Proper Shipping Name	AEROSOLS
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14.3. Transport hazard class(es)

ADR/RID/ADN Class	2
IMDG Class	2
AITA Class/Division	2

14.4. Packing group

Packing group	Not applicable.
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14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant	Yes
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14.6. Special precautions for user

No data available

14.7. Transport in bulk according to IMO instruments

No data available

15. Regulatory information

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

Uk Regulatory References	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. The Control of Substances Hazardous to Health Regulations 2002.
Statutory Instruments	The Control of Substances Hazardous to Health Regulations 2002. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.
Approved Code Of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

15.2. Chemical safety assessment

16. Other information

Risk Phrases In Full	R12 Extremely flammable. R10 Flammable. R11 Highly flammable R36 Irritating to eyes. R66 Repeated exposure may cause skin dryness or cracking. R41 Risk of serious damage to eyes. R67 Vapours may cause drowsiness and dizziness.
Hazard Statements In Full	H319 Causes serious eye irritation. H222 Extremely flammable aerosol. H220 Extremely flammable gas. H226 Flammable liquid and vapour. H225 Highly flammable liquid and vapour. H336 May cause drowsiness or dizziness. EUH066 Repeated exposure may cause skin dryness or cracking.

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. Please note that due to the on-going change in regulation from CHIP to CLP, any MSDS information in this MSDS is only considered accurate at the time of its creation. During this time classifications of substances may change. Therefore it is possible that can art work and MSDS information may differ. As such if you have any concerns we recommend you request a new MSDS from us every 6-12 months.