



HYDRON

Protective Coatings Ltd

according to Regulation (EU) 2015/830

AG4 Graffiti Remover

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

Product name	HPC 202 AG4 Graffiti Remover
1.1. Product identifier	
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC9a] Coatings and paints, thinners, paint removers;
1.3. Details of the supplier of the safety data sheet	
Company Address	Hydron PC Limited Unit 7 Phoenix Road Wednesfield Wolverhampton WV11 3PX
Web	www.hydronpc.co.uk
Telephone	01902 450 950
Fax	01902 451 050
Email	enquiries@hydronpc.co.uk
Irish Supplier	
Company Address	Conservation Technology Ltd. Neolith House Davitt Road, Dublin 12 D12 YXK8
Web	http://www.conservationtech.ie
Telephone	01 455 9511
Email	info@conservationtech.ie
1.4. Emergency telephone number	
Emergency telephone number	01 902 450 950 9.00 am - 5.00 pm Mon - Fri
Emergency telephone number Irish Supplier:	01 455 9511 8.30 am - 5.00 pm Mon - Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
2.1.1. Classification - 1999/45/EC	C; R35 Xn; R20/22 Symbols: C: Corrosive.
Main hazards	Harmful by inhalation and if swallowed. Causes severe burns.
2.1.2. Classification - EC	Acute Tox. 4: H302; Skin Corr. 1A: H314; Acute Tox. 4: H332;
2.2. Label elements	
Hazard pictograms	

AG4Graffiti Remover

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	Danger
Signal Word Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Acute Tox. 4: H332 - Harmful if inhaled.
Precautionary Statement: Prevention	P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER/doctor/ . P312 - Call a POISON CENTER/doctor/ if you feel unwell. P321 - Specific treatment (see on this label).
Precautionary Statement: Storage	P405 Store locked up
Precautionary Statement: Disposal	P501 – Dispose of contents/container to

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	M-factor.
Benzyl alcohol	603-057-00-5	100-51-6	202-859-9		90 - 100%	Xn; R20/22	
Potassium hydroxide	019-002-00-8	1310-58-3	215-181-3		1 - 10%	Xn; R22 C; R35	
EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Benzyl alcohol	603-057-00-5	100-51-6	202-859-9		90 - 100%	Acute Tox. 4: H332; Acute Tox. 4: H302	
Potassium hydroxide	019-002-00-8	1310-58-3	215-181-3		1 - 10%	Acute Tox. 4: H302; Skin Corr. 1A: H314;	

SECTION 4: First aid measures

4.1. Description of first aid measures	
Chemical Name	No first aid requirements.
Inhalation	In case of accident by inhalation: remove casualty to fresh air and keep at rest. Seek medical attention if irritation or symptoms persist
Eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact	Remove all contaminated clothes and footwear immediately unless stuck to skin. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention.
4.2. Most important symptoms and effects, both acute and delayed	
Inhalation	Harmful by inhalation.
Eye contact	Causes severe burns.
Skin contact	Causes severe burns.
Ingestion	Harmful if swallowed.
4.3. Indication of any immediate medical attention and special treatment needed	
	Treat symptomatically. If unsure, seek medical attention/advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media	
	Use extinguishing media appropriate to the surrounding fire conditions.
5.2. Special hazards arising from the substance or mixture	
	Burning produces irritating, toxic and obnoxious fumes.
	Wear: Protective equipment. Self-contained breathing apparatus.
5.3. Advice for firefighters	
	Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	
	Avoid contact with eyes and skin.
6.2. Environmental precautions	
	Clean spillage area thoroughly with plenty of water. Do not allow product to enter drains.
6.3. Methods and material for containment and cleaning up	
	Absorb with inert, absorbent material. Dispose of this material and its container to hazardous or special waste collection point.
6.4. Reference to other sections	
	See Section 7 for handling information. See Section 8 for personal protection information. See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	
	Adopt best Manual Handling considerations when handling, carrying and dispensing.
7.2. Conditions for safe storage, including any incompatibilities	
Suitable packaging	Store in a cool, dry area. Store in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters		
8.1.1. Exposure Limit Values		
Potassium hydroxide	WEL 8-hr limit ppm: WEL 15 min limit ppm WEL 8-hr limit mg/m3 total inhalable dust	WEL 8-hr limit mg/m3: WEL 15 min limit mg/m3 WEL 15 min limit mg/m3 total inhalable dust:
8.2. Exposure controls		
Eye / face protection	Safety glasses.	
Skin protection - Handprotection	Nitrile rubber gloves. Wear suitable protective clothing.	
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.	
8.2. Conditions for safe storage, including any incompatibilities		

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	
Appearance	Gel
Colour	Off white
Odour	Characteristic
Odour threshold	No data available
pH	Not applicable.
Melting point	Not determined
Initial boiling point	40 - 65°C
Flash point	No data available
Evaporation rate	Not determined
Flammability (solid, gas)	No data available
Upper Explosive Limit	Not determined
Lower Explosive Limit	Not determined
Vapour pressure	No data available
density	No data available
Relative density	1.18 - 1.28
Partition coefficient (n-octanol/water)	Not determined
Autoignition temperature	Not relevant
Decomposition temperature	Not determined
Viscosity	Not determined
Explosive properties	Product is considered non-explosive.
Oxidising properties	Product is considered non-oxidising.
Solubility	Soluble in water

SECTION 10: Stability and reactivity	
	Acids. Oxidising agents.
10.1. Reactivity	
10.2. Chemical stability	
	Stable under normal conditions.
10.3. Possibility of hazardous reactions	
	Acids. Oxidising agents.
10.4. Conditions to avoid	
	Avoid extremes of temperatures and acidic based chemicals.
10.5. Incompatible materials	
	Acids. Oxidising agents.
10.6. Hazardous decomposition products	
	Contact with acids liberates toxic gas.

SECTION 11: Toxicological information	
11.1. Information on toxicological effects	
Skin corrosion/irritation	Causes burns.
Serious eye damage/irritation	Causes burns.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No reproductive toxicity effects reported.
STOT-single exposure	No target organ toxicity effects reported.
STOT-repeated exposure	No target organ toxicity effects reported.
Aspiration hazard	No aspiration hazards reported.
11.1.4. Toxicological Information	
Benzyl alcohol	Oral Rat LD50: 1230 mg/kg mg/kg
	Dermal Rabbit LD50: 2000

SECTION 12: Ecological information	
12.1. Toxicity	
Hydron – AG4	
12.2. Persistence and degradability	
	No data is available on this product.
12.3. Bioaccumulative potential	
	No data is available on this product.
12.4. Mobility in soil	
	No data is available on this product.
12.5. Results of PBT and vPvB assessment	
	No data is available on this product.
12.6. Other adverse effects	
	No data is available on this product.

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
	Dispose of this material and its container to hazardous or special waste collection point.

SECTION 14: Transport information	
Hazard pictograms	
	
14.1. UN number	UN3266
14.2. UN proper shipping name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
14.3. Transport hazard class(es)	
ADR/RID	8
Subsidiary risk IMDG	-
Subsidiary risk IATA	8
Subsidiary risk	-
IATA	8
14.4. Packing group	
Packing group	II
14.5. Environmental hazards	
Environmental hazards	No
Marine pollutant	No
ADR/RID	
Hazard ID	80
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-B
IATA	
Packing Instruction (Cargo)	855
Maximum quantity	30 L
Packing Instruction (Passenger)	851
Maximum quantity	1L

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC,
15.2. Chemical safety assessment	
	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

SECTION 16: Other information	
Other information	
Text of risk phrases in Section 3	R20/22 - Harmful by inhalation and if swallowed. R22 - Harmful if swallowed. R35 - Causes severe burns.
Text of Hazard Statements in Section 3	Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H332 - Harmful if inhaled. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.