



HYDRON

Protective Coatings Ltd

according to Regulation (EU) 2015/830


AG3 Graffiti Remover

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

Product name	HPC 201 AG3 Graffiti Remover
1.1. Product identifier	
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [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	T; R61 Xi; R36/37/38 Symbols: T: Toxic.
Main hazards	Irritating to eyes, respiratory system and skin. May cause harm to the unborn child.
2.1.2. Classification - EC	: EUH066; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; STOT SE3: H336; Repr. 1B: H360D; Aquatic Chronic 2: H411;
2.2. Label elements	
Hazard pictograms	

	
	Danger
Signal Word Hazard Statement	<p>EUH066 - Repeated exposure may cause skin dryness or cracking. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Repr. 1B: H360D - May damage the unborn child. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p>
Precautionary Statement: Prevention	<p>P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment.</p>
Precautionary Statement: Response	<p>P301+P310 - IF SWALLOWED: IF SWALLOWED: Immediately call a POISON CENTER/doctor/ . P302+P352 - IF ON SKIN: Wash with plenty of water/ . 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. P308+P313 - IF exposed or concerned: Get medical advice/attention. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label).</p>
Precautionary Statement: Storage	<p>P403+P233 – Store in well-ventilated place. Keep container tightly closed. P405 Store locked up</p>
Precautionary Statement: Disposal	<p>P501 – Dispose of contents/container to</p>

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.
N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	606-021-00-7	872-50-4	212-828-1		20 - 30%	Repr. Cat. 2; R61 Xi; R36/37/38	
EC 1272/2008							
Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Solvent naphtha (petroleum) light aromatic C9		64742-95-6	918-668-5		60 - 70%	EUH066; Flam. Liq. 3:H226; Asp. Tox. 1: H304; STOT SE 3: H335; STOT SE3: H336; Aquatic Chronic 2: H411;	

N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	606-021-00-7	872-50-4	212-828-1		20 - 30%	Repr. 1B: H360D; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315;	
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SECTION 4: First aid measures

4.1. Description of first aid measures	
Chemical Name	No first aid requirements.
Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	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	May cause irritation to respiratory system.
Eye contact	Irritating to eyes.
Skin contact	Irritating to skin.
Ingestion	May be fatal if swallowed and enters airways.
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.
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	
	Adopt best Manual Handling considerations when handling, carrying and dispensing.
6.2. Environmental precautions	
	Do not allow runoff water to enter sewers or drains. Do not empty into drains; dispose of this material and its container in a safe way.
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			
N-Methyl-2-pyrrolidone	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 total respirable dust:	10 20 - - - -	WEL 8-hr limit mg/m3: WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	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 total respirable dust:	25 75 - - - -	WEL 8-hr limit mg/m3: 103 WEL 15 min limit mg/m3: WEL 309 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:
8.2. Exposure controls			
Eye / face protection	Safety glasses.		
Skin protection - Handprotection	Nitrile rubber gloves.		
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	Liquid
Colour	Colourless
Odour	Aromatic
Odour threshold	Not determined
pH	Not determined
Melting point	Not determined
Initial boiling point	> 162 °C
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	No data available
Upper Explosive Limit	Not determined
Lower Explosive Limit	Not determined
Vapour pressure	Not determined
density	Not determined
Relative density	0.925 - 0.935
Partition coefficient (n-octanol/water)	Not determined
Autoignition temperature	No data available
Decomposition temperature	Not determined

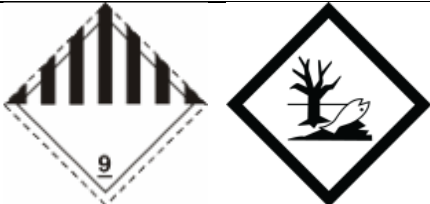
Viscosity	Not determined
Explosive properties	Product is considered non-explosive.
Oxidising properties	Product is considered non-oxidising.
Solubility	Soluble in water

SECTION 10: Stability and reactivity	
	No precautions required to be mentioned.
10.1. Reactivity	
10.2. Chemical stability	
	Stable under normal conditions.
10.3. Possibility of hazardous reactions	
	No hazardous reactions known to occur.
10.4. Conditions to avoid	
	Avoid extremes of temperatures
10.5. Incompatible materials	
	Strong oxidising agents.
10.6. Hazardous decomposition products	
	Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information	
11.1. Information on toxicological effects	
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	May cause harm to the unborn child.
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	
N-Methyl-2-pyrrolidone	Oral Rat LD50: 10,502 mg/kg 8000 mg/kg
	Dermal Rabbit LD50:

SECTION 12: Ecological information	
12.1. Toxicity	
Hydron - AG3	
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	
	UN3082
14.2. UN proper shipping name	
	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
14.3. Transport hazard class(es)	
ADR/RID	9
Subsidiary risk IMDG	-
Subsidiary risk IATA	9
Subsidiary risk	-
14.4. Packing group	
Packing group	III
14.5. Environmental hazards	
Environmental hazards	Yes
Marine pollutant	Yes
ADR/RID	
Hazard ID	90
Tunnel Category	(E)
IMDG	
EmS Code	F-A S-F
IATA	
Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

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	R36/37/38 - Irritating to eyes, respiratory system and skin. R61 - May cause harm to the unborn child.
Text of Hazard Statements in Section 3	EUH066 - Repeated exposure may cause skin dryness or cracking. Flam. Liq. 3: H226 - Flammable liquid and vapour. Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways. STOT SE 3: H335 - May cause respiratory irritation. STOT SE 3: H336 - May cause drowsiness or dizziness. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Skin Irrit. 2: H315 - Causes skin