

AG3 Graffiti Remover

Revision 0
Revision date 2016-05-26

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	Hydron Protective Coatings Ltd
Address	Unit 7 Phoenix Road Wednesfield Wolverhampton WV11 3PX
Web Telephone	www.hydronpc.co.uk
Fax	enquiries@hydronpc.co.uk
Email	01902 450 950 01902 451 050

- 1.4. Emergency telephone number

Emergency telephone number	01902 450 950 8.00 am - 5.00 pm Mon - Fri
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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 SE 3: H336; Repr. 1B: H360D; Aquatic Chronic 2: H411;

- 2.2. Label elements

Hazard pictograms



Danger

Signal Word Hazard Statement

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.

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Precautionary Statement: Prevention	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.
Precautionary Statement: Response	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.
Precautionary Statement: Storage	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.
Precautionary Statement: Disposal	P321 - Specific treatment (see on this label). P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
	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. (%)	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. (%)	Classification	M-
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 SE 3: 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;	

SECTION 4: First aid measures

4.1. Description of first aid measures

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.

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

Eye contact	Irritating to eyes.
Skin contact	Irritating to skin.
	May be fatal if swallowed and enters airways.

Treat symptomatically. If unsure, seek medical attention/advice.

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

SECTION 5: Firefighting measures

Use extinguishing media appropriate to the surrounding fire conditions.

5.1. Extinguishing media

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

SECTION 6: Accidental release measures

Adopt best Manual Handling considerations when handling, carrying and dispensing.

6.1. Personal precautions, protective equipment and emergency procedures

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 12 for disposal information

SECTION 7: Handling and storage

Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

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

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N-Methyl-2-pyrrolidone	WEL 8-hr limit ppm: 10	WEL 8-hr limit mg/m3: 40
	WEL 15 min limit ppm: 20	WEL 15 min limit mg/m3: 80
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 103
N-Methyl-2-pyrrolidone (1-Methyl-2-pyrrolidone)	WEL 15 min limit ppm: 75	WEL 15 min limit mg/m3: 309
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total -	WEL 15 min limit mg/m3 total -
	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 103
	WEL 15 min limit ppm: 75	WEL 15 min limit mg/m3: 309

8.2. Exposure controls

Eye / face protection	Safety glasses.
Skin protection -	Nitrile rubber gloves.
Handprotection	In case of insufficient ventilation, wear suitable respiratory equipment.

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	> 162
Initial boiling point	Not determined
Flash point	No data available
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper Explosive Limit	Not determined
Lower Explosive Limit	0.925 - 0.935
Vapour pressure	Not determined
Vapour density	No data available
Relative density	Not determined
Partition coefficient (n-octanol/water)	Product is considered non-explosive. Product is considered non-oxidising. Slightly soluble in water

SECTION 10: Stability and reactivity

	No data is available on this product.
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10.1. Reactivity

10.2. Chemical stability

	Stable under normal conditions.
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	No data is available on this product.
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10.3. Possibility of hazardous reactions

	Avoid extremes of temperatures.
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10.4. Conditions to avoid

10.5. Incompatible materials

	Strong oxidising agents.
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	Burning produces irritating, toxic and obnoxious fumes.
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10.6. Hazardous decomposition products

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: 3914 mg/kg	Dermal Rabbit LD50: 8000 mg/kg
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SECTION 12: Ecological information

12.2. Persistence and degradability

	No data is available on this product.
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	No data is available on this product.
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12.3. Bioaccumulative potential

12.4. Mobility in soil

	No data is available on this product.
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	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

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

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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

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.2. UN proper shipping name

14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk IMDG	-
Subsidiary risk IATA	9
Subsidiary risk	-
	9

Packing group III

14.4. Packing group

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
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IATA

Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

SECTION 15: Regulatory information

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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,
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15.2. Chemical safety assessment

	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier
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SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R36/37/38 - Irritating to eyes, respiratory system and skin.
Text of Hazard Statements in Section 3	P61 - May cause harm to the unborn child. 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