

MC1 Multiclean

Revision 0

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

Revision date 2016-05-26

Product name	HPC 208 MC1 Multiclean
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- 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; [PC35] Washing and cleaning products (including solvent based products);
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- 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 Fax	www.hydrnpc.co.uk
Email	enquiries@hydrnpc.co.uk
Email address of the competent person	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	Xi; R36/38 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes and skin.
2.1.2. Classification - EC	Skin Irrit. 2: H315; Eye Dam. 1: H318;

- 2.2. Label elements

Hazard pictograms	
Signal Word Hazard	Danger
Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Dam. 1: H318 - Causes serious eye damage. P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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Precautionary Statement: Response	<p>P302+P352 - IF ON SKIN: Wash with plenty of water/ .</p> <p>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 -Immediately call a POISON CENTER/doctor/ .</p> <p>P321 - Specific treatment (see on this label).</p>
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2.2. Label elements

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. (g/100g)	Classification	M-factor.
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		1 - 10%	C; R35	
tetrasodium ethylene diamine tetraacetate. .	607-428-00-2	64-02-8	200-573-9		1 - 10%	Xn; R22 Xi; R41	
trisodium nitrilotriacetate. .	607-620-00-6	5064-31-3	225-768-6		1 - 10%	Carc. Cat. 3; R40 Xn; R22 Xi; R36	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (g/100g)	Classification	M-factor.
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		1 - 10%	Skin Corr. 1A: H314;	
tetrasodium ethylene diamine tetraacetate. .	607-428-00-2	64-02-8	200-573-9		1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
trisodium nitrilotriacetate. .	607-620-00-6	5064-31-3	225-768-6		1 - 10%	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;	
ALCOHOL ETHOXYLATE					1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
Quaternary Ammonium Compounds					1 - 10%	Eye Irrit. 2: H319; Aquatic Chronic 2: H411;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No irritation expected.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. If you feel unwell, seek medical advice (show the label where possible).
Skin contact	Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. If you feel unwell, seek medical advice (show the label where possible).

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

Inhalation	No irritation expected.
Eye contact	Causes severe inflammation and may damage the cornea.
Skin contact	Irritating to skin.
Ingestion	May cause irritation to mucous membranes.

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

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

SECTION 5: Firefighting measures

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5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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	Wear suitable respiratory equipment when necessary.
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5.3. Advice for firefighters

SECTION 6: Accidental release measures

	Wear suitable gloves. Safety glasses.
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6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

	No environmental requirements.
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	Absorb with inert, absorbent material. Dispose of this material and its container to hazardous or special waste collection point. Clean spillage area thoroughly with plenty of water.
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6.3. Methods and material for containment and cleaning up

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.
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SECTION 7: Handling and storage

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

	Store in a cool, dry area.
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Suitable packaging

	Store in original container.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: ?
	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

8.2. Exposure controls

Eye / face protection	Safety glasses.
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Skin protection - Handprotection	Nitrile rubber gloves.
Skin protection - Other	Wear suitable protective clothing.
	Not normally required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Light yellow
Odour	Mild
Odour threshold	No data available
pH	12 - 14
Melting point	No data available
Initial boiling point	> 100
Flash point	Not determined
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper Explosive Limit	Not determined
Lower Explosive Limit	No data available
Vapour pressure	1.03 - 1.07
Vapour density	Not determined
Relative density	Not determined
Partition coefficient (n-octanol/water)	Product is considered non-explosive.
	Product is considered non-oxidising.
	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.

Strong acids.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Protect from frost.

Strong acids.

10.5. Incompatible materials

10.6. Hazardous decomposition products

No data is available on this product.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Causes severe inflammation and may damage the cornea.
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.
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11.1. Information on toxicological effects

SECTION 12: Ecological information

	No data is available on this product.
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12.2. Persistence and degradability

12.3. Bioaccumulative potential

	No data is available on this product.
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	No data is available on this product.
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12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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	No data is available on this product.
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12.6. Other adverse effects

SECTION 13: Disposal considerations

	Dispose of this material and its container to hazardous or special waste collection point.
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13.1. Waste treatment methods

SECTION 14: Transport information

	The product is not classified as dangerous for carriage.
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14.1. UN number

14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

14.4. Packing group

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	The product is not classified as dangerous for carriage.
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	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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	The product is not classified as dangerous for carriage.
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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,

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

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

R22 - Harmful if swallowed.
 R35 - Causes severe burns.
 R36 - Irritating to eyes.
 R40 - Limited evidence of a carcinogenic effect.

Text of Hazard Statements in Section 3

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
 Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
 Skin Irrit. 2: H315 - Causes skin irritation.
 Eye Irrit. 2: H319 - Causes serious eye irritation.
 Acute Tox. 4: H302 - Harmful if swallowed.
 Eye Dam. 1: H318 - Causes serious eye