



SAFETY DATA SHEET according to Regulation (EU) 2015/830

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HEAVY DUTY CLEANER DP204

Revision 50
Revision date 2018-06-19

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

1.1. Product identifier

Product name	HEAVY DUTY CLEANER DP204
Product code	QAFS008

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);
Description	This new non-acidic formula removes brake dust, road film and grime. It cleans to a bright finish and does not eat away the surfaces like standard acidic wheel cleaners.

1.3. Details of the supplier of the safety data sheet

Company	Superfine Manufacturing Ltd
Address	Orchardbank Industrial Estate Forfar Angus Scotland DD8 1TD
Web	www.superfine.co.uk
Telephone	Tel: 01307 463538
Fax	Fax: 01307 468505
Email	nigel@superfine.co.uk
Email address of the competent person	nigel@superfine.co.uk

1.4. Emergency telephone number


Emergency telephone number	01307 463538 8.30am to 17.00pm
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Skin Corr. 1A: H314;
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2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Precautionary Statement: Prevention	P280 - Wear protective gloves/protective clothing/eye protection/face protection.

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2.2. Label elements

Precautionary Statement: Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary Statement: Storage	P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations.

2.3. Other hazards

Other hazards	PBT not identified as a PBT substance.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
C9-11 Alcohol Ethoxylate with EO		68439-45-2			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;
Tetrasodium ethylene diamine tetraacetate		64-02-8	200-573-9	01-2119486762-27	1 - 10%	Acute Tox. 4: H302+H332; Eye Dam. 1: H318; STOT RE 2: H373;
C8-18 (even numbered) Alkylamidopropylbetain trisodium nitrilotriacetate			931-296-8	01-2119488533-30	1 - 10%	Eye Dam. 1: H318; Aquatic Chronic 3: H412;
Sodium Metasilicate Pentahydrate	607-620-00-6	5064-31-3	225-768-6	01-2119519239-36	1 - 10%	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;
sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27	0 - 0.5%	Met. Corr. 1: H290; Skin Corr. 1B: H314; STOT SE 3: H335; Skin Corr. 1A: H314;

Further information

Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
Active Ingredients	Ingredients - 5 - 15% Amphoteric Surfactants, 5 - 15% Non-ionic Surfactants, Acid NTA, Acid EDTA, Sodium Metasilicate Pentahydrate.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water.
Ingestion	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink plenty of water to dilute ingested product.

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

Inhalation	Causes burns.
Eye contact	Causes burns. Risk of serious damage to eyes.
Skin contact	Causes burns.
Ingestion	Causes burns.

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

Inhalation	Move the exposed person to fresh air. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Seek medical attention. Show this safety data sheet to the doctor in attendance.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses

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

Skin contact	should be removed. Seek medical attention. Show this safety data sheet to the doctor in attendance.
Ingestion	Remove contaminated clothing immediately. Rinse immediately with plenty of water. Seek medical attention. Show this safety data sheet to the doctor in attendance.
	Drink 1 to 2 glasses of water. Seek medical attention. Show this safety data sheet to the doctor in attendance.

General information

	If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

	This product is not flammable . Use fire-extinguishing media appropriate for surrounding materials.
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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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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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Further information

	In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

	Wear suitable protective equipment.
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6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained.
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6.3. Methods and material for containment and cleaning up

	For large spills:. Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. For small spills:. Flush down the drain with plenty of water.
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6.4. Reference to other sections

	See section 2, 7, 8, 13 for further information.
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

	Avoid contact with eyes and skin. Do not breathe vapours or spray mist. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

	Store in a cool, dry area. Keep container tightly closed. Keep out of the reach of children. Store in original container.
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7.3. Specific end use(s)

	No data is available on this product.
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Suitable packaging

	Plastic containers.
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SECTION 8: Exposure controls/personal protection

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8.1. Control parameters

Occupational exposure controls.

8.1.1. Exposure Limit Values

sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : 2
	WEL 8-hr limit mg/m ³ total inhalable dust: -	WEL 15 min limit mg/m ³ total inhalable dust: -
	WEL 8-hr limit mg/m ³ total respirable dust: -	WEL 15 min limit mg/m ³ total respirable dust: -

DNEL: Derived no-effect level.

Exposure Pattern - Workers

sodium hydroxide	Acute inhalation - Local effects	2 mg/m ³	Long-term - inhalation - Local effects	1 mg/m ³
	Acute dermal - Local effects	2 mg/kg		
Sodium Metasilicate Pentahydrate	Long-term - inhalation - Systemic effects	6.22 mg/m ³	Long-term - dermal - Systemic effects	
	Long-term - dermal - Systemic effects	1.49 mg/kg		
Tetrasodium ethylene diamine tetraacetate	Acute inhalation - Local effects	2.5 mg/m ³	Long-term - inhalation - Local effects	2.5 mg/m ³
	Long-term - inhalation - Local effects	2.5 mg/m ³		

Exposure Pattern - General population

sodium hydroxide	Long-term - inhalation - Local effects	1 mg/m ³	
Sodium Metasilicate Pentahydrate	Long-term - inhalation - Systemic effects	1.55 mg/m ³	Long-term - oral - Systemic effects
	Long-term - dermal - Systemic effects	0.74 mg/kg	
Tetrasodium ethylene diamine tetraacetate	Acute inhalation - Local effects	1.5 mg/m ³	Long-term - oral - Systemic effects
	Long-term - inhalation - Local effects	1.5 mg/m ³	

8.2. Exposure controls



Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.

8.2.1. Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.

Eye / face protection

Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.

Skin protection - Handprotection

Rubber gloves.

Respiratory protection

No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.

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8.2. Exposure controls

8.2.3. Environmental exposure controls	Prevent further leakage or spillage if safe to do so.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Ammoniacal
Oxidising properties	No data available
Odour threshold	No data available
pH	> 12.5
Melting point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	< 50 centipoise
Explosive properties	No data available
Solubility	Soluble in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Specific gravity	1.1 - 1.115 g/cm ³
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions. No specific reactivity hazards associated with this product.
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10.2. Chemical stability

	Stable under normal conditions. No particular stability concerns.
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10.3. Possibility of hazardous reactions

	Strong acids. Strong oxidising agents.
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10.4. Conditions to avoid

	Protect from frost.
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10.5. Incompatible materials

	No incompatible groups noted.
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10.6. Hazardous decomposition products

	No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.
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SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity	This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).
Skin corrosion/irritation	based on available data the classification criteria are not met.
Serious eye damage/irritation	Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Extreme pH - ≥ 11.5 .
Respiratory or skin sensitisation	Causes serious eye damage.
Germ cell mutagenicity	based on available data the classification criteria are not met.
Carcinogenicity	based on available data the classification criteria are not met.
Reproductive toxicity	based on available data the classification criteria are not met.
STOT-single exposure	based on available data the classification criteria are not met.
STOT-repeated exposure	based on available data the classification criteria are not met.
Aspiration hazard	based on available data the classification criteria are not met.

11.1.2. Mixtures

	No data available.
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11.1.3. Hazard Information

	No data available.
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11.1.4. Toxicological Information

C9-11 Alcohol Ethoxylate with EO	Oral Rat LD50: 1100 mg/kg
sodium hydroxide	Oral Rat LD50: >500 mg/kg
Tetrasodium ethylene diamine tetraacetate	Oral Rat LD50: 1780 mg/kg

SECTION 12: Ecological information**12.1. Toxicity**

Sodium Metasilicate Pentahydrate	Daphnia EC50/48h: 1700.0000 mg/l	Fish LC50/96h: 210.0000 mg/l
	Algae EC50/72h: 207	
Tetrasodium ethylene diamine tetraacetate	Fish LC50/96h: 100.0000 mg/l	Algae EC50/72h: >100 mg/l

12.2. Persistence and degradability

	Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.
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12.3. Bioaccumulative potential

	No data is available on this product.
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Partition coefficient

	HEAVY DUTY CLEANER DP204 No data available	sodium hydroxide No data available
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12.4. Mobility in soil

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

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

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12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

General information

Dispose of in compliance with all local and national requirements.

Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1760

14.2. UN proper shipping name

CORROSIVE LIQUID, N.O.S. (contains Trisodium Nitrilotriacetate)

14.3. Transport hazard class(es)

ADR/RID	8
Subsidiary risk	-
IMDG	8
Subsidiary risk	-
IATA	8
Subsidiary risk	-

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

14.6. Special precautions for user

No additional special precautions.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

ADR/RID

Hazard ID	80
Tunnel Category	(E)

IMDG

EmS Code F-A S-B

IATA

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IATA

Packing Instruction (Cargo)	856
Maximum quantity	60 L
Packing Instruction (Passenger)	852
Maximum quantity	5 L

SECTION 15: Regulatory information

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

Regulations	<p>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, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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, 93/105/EC and 2000/21/EC.</p>
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15.2. Chemical safety assessment

	No information available.
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SECTION 16: Other information

Other information

Revision	<p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> 2 - 2.1.2. Classification - EC 1272/2008. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Storage. 2 - Precautionary Statement: Disposal. 9 - 9.1. Information on basic physical and chemical properties (PH). 11 - 11.1.4. Toxicological Information. 11 - Skin corrosion/irritation. 11 - 11.1. Information on toxicological effects. 11 - Serious eye damage/irritation. 12 - 12.1. Toxicity. 16 - Data sources.
Data sources	<p>Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008:.</p> <p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Extreme pH - ≥ 11.5.</p>
Text of Hazard Statements in Section 3	<p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled</p> <p>STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .</p> <p>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Carc. 2: H351 - Suspected of causing cancer .</p> <p>Met. Corr. 1: H290 - May be corrosive to metals.</p> <p>Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p> <p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p>

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Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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