



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

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HEAVY DUTY CLEANER DP204

Revision 51
Revision date 2019-04-01

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 |
|----------------------------|-----------------------------------|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|----------------------|
| 2.1.2. Classification - EC 1272/2008 | Skin Corr. 1A: H314; |
|--------------------------------------|----------------------|

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. |
|----------------------|--|

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; |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-C18 (even numbered) acyl derivs., hydroxides, inner salts | | 97862-59-4 | 931-296-8 | 01-2119488533-30 | 1 - 10% | Eye Dam. 1: H318; Aquatic Chronic 3: H412; |
| trisodium nitrilotriacetate | 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 Metasilicate Pentahydrate | | 10213-79-3 | 229-912-9 | 01-2119449811-37 | 1 - 10% | Met. Corr. 1: H290; Skin Corr. 1B: H314; STOT SE 3: H335; |
| sodium hydroxide | 011-002-00-6 | 1310-73-2 | 215-185-5 | 01-2119457892-27 | 0 - 0.5% | 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 |
|-------------------|---|

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| | |
|--------------|--|
| Eye contact | sheet to the doctor in attendance. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed. Seek medical attention. Show this safety data sheet to the doctor in attendance. |
| Skin contact | Remove contaminated clothing immediately. Rinse immediately with plenty of water. Seek medical attention. Show this safety data sheet to the doctor in attendance. |
| Ingestion | 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. |
|--|---|

SECTION 5: Firefighting measures**5.1. Extinguishing media**

| | |
|--|---|
| | This product is not flammable . Use fire-extinguishing media appropriate for surrounding materials. |
|--|---|

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. |
|--|---|

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. |
|--|---|

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

| | |
|--|-------------------------------------|
| | Wear suitable protective equipment. |
|--|-------------------------------------|

6.2. Environmental precautions

| | |
|--|---|
| | Advise local authorities if large spills cannot be contained. |
|--|---|

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. |
|--|--|

6.4. Reference to other sections

| | |
|--|--|
| | See section 2, 7, 8, 13 for further information. |
|--|--|

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. |
|--|---|

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. |
|--|---|

7.3. Specific end use(s)

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

Suitable packaging

| | |
|--|---------------------|
| | Plastic containers. |
|--|---------------------|

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SECTION 8: Exposure controls/personal protection

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 Acute dermal - Local effects 2 mg/kg | Long-term - inhalation - Local effects 1 mg/m ³ |
| Sodium Metasilicate Pentahydrate | Long-term - inhalation - Systemic effects 6.22 mg/m ³ 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 | |
| trisodium nitrilotriacetate | Acute inhalation - Systemic effects 5.25 mg/m ³ Long-term - inhalation - Systemic effects 3.5 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 - dermal - Systemic effects 0.74 mg/kg | Long-term - oral - Systemic effects 0.74 mg/kg |
| Tetrasodium ethylene diamine tetraacetate | Acute inhalation - Local effects 1.5 mg/m ³ Long-term - inhalation - Local effects 1.5 mg/m ³ | Long-term - oral - Systemic effects 25 mg/kg |
| trisodium nitrilotriacetate | Long-term - inhalation - Systemic effects 1.75 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.

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8.2. Exposure controls

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|---|--|
| 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. |
| 8.2.3. Environmental exposure controls | Prevent further leakage or spillage if safe to do so. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------|-------------------|
| Appearance | Liquid |
| Colour | Colourless |
| Odour | Ammoniacal |
| 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 |
| Odour threshold | No data available |
| pH | > 12.5 |
| Melting point | No data available |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Viscosity | < 50 centipoise |
| Explosive properties | No data available |
| Oxidising 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. |
|--|--|

10.2. Chemical stability

| | |
|--|---|
| | Stable under normal conditions. No particular stability concerns. |
|--|---|

10.3. Possibility of hazardous reactions

| | |
|--|--|
| | Strong acids. Strong oxidising agents. |
|--|--|

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10.4. Conditions to avoid

Protect from frost.

10.5. Incompatible materials

No incompatible groups noted.

10.6. Hazardous decomposition products

No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | | |
|--|---|--|
| Acute toxicity Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity Reproductive toxicity STOT-single exposure STOT-repeated exposure Aspiration hazard | 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). | |
| | based on available data the classification criteria are not met. | |
| | Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Extreme pH - ≥ 11.5 . | |
| | Causes serious eye damage. | |
| | based on available data the classification criteria are not met. | |
| | based on available data the classification criteria are not met. | |
| | based on available data the classification criteria are not met. | |
| | based on available data the classification criteria are not met. | |
| | based on available data the classification criteria are not met. | |
| | based on available data the classification criteria are not met. | |

11.1.2. Mixtures

No data available.

11.1.3. Hazard Information

No data available.

11.1.4. Toxicological Information

| | | |
|---|---------------------------|---------------------------------------|
| C9-11 Alcohol Ethoxylate with EO | Oral Rat LD50: 1100 mg/kg | |
| Tetrasodium ethylene diamine tetraacetate | Oral Rat LD50: 1780 mg/kg | Inhalation Rat LC50/4 h: >1 - <5 mg/l |
| trisodium nitrilotriacetate | Oral Rat LD50: 1450 mg/kg | |

SECTION 12: Ecological information

12.1. Toxicity

| | | |
|---|-------------------------------------|-------------------------------------|
| sodium hydroxide | Daphnia LC50/48h: 40 - 240 mg/l | Rainbow trout LC50/96h: 45.5 mg/l |
| | Bluegill sunfish LC50/96h: 125 mg/l | Guppy LC50/96h: 33 - 189 mg/l |
| 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 |
| | Daphnia EC50/48h: 780.0000 mg/l | Green algae EC50/96h: 98 - 312 mg/l |

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

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12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

HEAVY DUTY CLEANER DP204 No data available sodium hydroxide No data available

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 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 Nitritotriacetate)

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

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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

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

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.

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.

15.2. Chemical safety assessment

No information available.

SECTION 16: Other information

Other information

Revision This document differs from the previous version in the following areas:
12 - 12.1. Toxicity.

Data sources Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008:
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Extreme pH - ≥ 11.5 .

Text of Hazard Statements in Section 3 Acute Tox. 4: H302 - Harmful if swallowed.
Eye Dam. 1: H318 - Causes serious eye damage.
Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Carc. 2: H351 - Suspected of causing cancer .
Met. Corr. 1: H290 - May be corrosive to metals.
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
STOT SE 3: H335 - May cause respiratory irritation.
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

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Other information

| | |
|--|---|
| | Skin Irrit. 2: H315 - Causes skin irritation. |
|--|---|

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. |
|--|--|
