SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

ALLOY WHEEL CLEANER

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

1.1. Product identifier

Product name: ALLOY WHEEL CLEANER
Product code: QAFS008

1.2. Relevant identified uses of the substance or mixture and uses advised against

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: SUPAGARD LIMITED
Address: 19-27 Gavinton Street
Muirend
Glasgow
G44 3EF
Web: www.supagard.co.uk
Telephone: 0141 633 5933
Fax: 01416377219
Email: James.Smyth@supagard.com
Email address of the competent person: James.Smyth@supagard.com

1.4. Emergency telephone number

Emergency telephone number: 01416335933
8.30am to 5.00pm

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC

Symbols: Xn: Harmful.

Main hazards: Irritating to skin. Limited evidence of a carcinogenic effect. Risk of serious damage to eyes.

2.2. Label elements

Symbols: Xn: Harmful.

Risk phrases: R38 - Irritating to skin.
R40 - Limited evidence of a carcinogenic effect.
R41 - Risk of serious damage to eyes.

Safety phrases: S2 - Keep out of the reach of children.
S24/25 - Avoid contact with skin and eyes.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
ALLOY WHEEL CLEANER

2.2. Label elements

S28 - After contact with skin, wash immediately with plenty of water.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

2.3. Other hazards

Other hazards

PBT not identified as a PBT substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>C9-11 Alcohol ethoxylate</td>
<td>68439-46-3</td>
<td>130-51-1</td>
<td></td>
<td></td>
<td>1 - 10%</td>
<td>Xi; R22 Xi; R41</td>
</tr>
<tr>
<td>Nitrilotriacetate trisodium salt</td>
<td>5064-31-3</td>
<td>205-381-9</td>
<td></td>
<td></td>
<td>1 - 10%</td>
<td>Xi; R22-40 Xi; R36</td>
</tr>
<tr>
<td>41% Hydroxyethylendiaminieteric Acid, Trisodium Salt Cocamidopropyl Betain</td>
<td>139-89-9</td>
<td>229-912-9</td>
<td>01-2119449811-37</td>
<td>10 - 20%</td>
<td>Xi; R36</td>
<td></td>
</tr>
<tr>
<td>Sodium Metasilicate Pentahydrate</td>
<td>6834-92-0</td>
<td></td>
<td>215-185-5</td>
<td>01-2119457892-27</td>
<td>0 - 0.5%</td>
<td>C; R37</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>011-002-00-6</td>
<td>1310-73-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Further information

Product Description & Uses

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.

Product Shelf Life

RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.

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. Contact lenses should be removed.

Skin contact
Remove contaminated clothing. Wash with water and soap as a precaution.

Ingestion
DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

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

Inhalation
Harmful by inhalation. May cause irritation to respiratory system.

Eye contact
Harmful. May cause irritation to eyes.

Skin contact
Harmful in contact with skin. May cause irritation to skin.

Ingestion
Harmful if swallowed. May cause irritation to mucous membranes.

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

Inhalation
Move the exposed person to fresh air. Seek medical attention. Show this safety data sheet to the doctor in attendance.

Eye contact
Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention. Show this safety data sheet to the doctor in attendance.

Skin contact
Remove contaminated clothing. Seek medical attention. Show this safety data sheet to the doctor in attendance.

Ingestion
If swallowed, seek medical advice immediately and show this container or label. 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
ALLOY WHEEL CLEANER

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)
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.

Suitable packaging
Plastic containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational exposure controls.

8.1.1. Exposure Limit Values

<table>
<thead>
<tr>
<th>Substance</th>
<th>WEL 8-hr limit ppm:</th>
<th>WEL 8-hr limit mg/m³:</th>
<th>WEL 15 min limit ppm:</th>
<th>WEL 15 min limit mg/m³:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Copyright © 2014 ChemSoft Limited. All rights reserved.
ALLOY WHEEL CLEANER

8.2. Exposure controls

| Eye / face protection | 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. |
| Skin protection - Handprotection | Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields. |
| Respiratory protection | Rubber gloves. |
| 8.2.3. Environmental exposure controls | No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment. |

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

| State | Liquid |
| Colour | Colourless |
| Odour | Ammoniacal |
| pH | 12.8 - 13.8 |
| Melting point | Not applicable. |
| Boiling point | Not applicable. |
| Flash point | Not applicable. |
| Evaporation rate | No data available |
| Flammability limits | No data available |
| Vapour Flammability | No data available |
| Vapour pressure | Not applicable. |
| Vapour density | Not applicable. |
| Relative density | No data available |
| Partition coefficient | Not applicable. |
| Autoignition temperature | Not applicable. |
| Viscosity | < 50 centipoise |
| Explosive | Not applicable. |
| Oxidising | Not applicable. |
| Solubility | Soluble in water |

9.2. Other information

| Conductivity | Not applicable. |
| Surface tension | No data available |
| Specific gravity | 1.1 - 1.115 g/cm³ |
| Gas group | Not applicable. |
| 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.
ALLOY WHEEL CLEANER

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

<table>
<thead>
<tr>
<th>Skin corrosion/irritation</th>
<th>May cause irritation to skin.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not anticipated under normal conditions of use. May cause irritation to eyes.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not anticipated under normal conditions of use. May cause irritation to respiratory system. May cause irritation to skin.</td>
</tr>
<tr>
<td>Repeated or prolonged exposure</td>
<td>Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. Prolonged contact may cause defatting of the skin.</td>
</tr>
</tbody>
</table>

11.1.2. Mixtures
No data available.

11.1.3. Hazard Information
No data available.

11.1.4. Toxicological Information
No data available

SECTION 12: Ecological information

12.1. Toxicity
No data available

12.2. Persistence and degradability
Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guidelines.

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 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
ALLOY WHEEL CLEANER

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

Regulations


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:
1 - Description.
3 - Product Description & Uses.
7 - 7.3. Specific end use(s).

Text of risk phrases in Section 3

R22 - Harmful if swallowed.
R34 - Causes burns.
R35 - Causes severe burns.
R36 - Irritating to eyes.
R37 - Irritating to respiratory system.
R40 - Limited evidence of a carcinogenic effect.
R41 - Risk of serious damage to eyes.

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.