SCREENWASH

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

1.1. Product identifier

Product name: Screenwash
Product code: qafs700

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

Description: Screen Wash has been specially formulated for use in the screen wash systems of vehicles.

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

R10 - Flammable.

2.2. Label elements

Risk phrases: No symbol required.
Safety phrases: R10 - Flammable.

S2 - Keep out of the reach of children.
S3/9/14/49 - Keep only in the original container in a cool, well-ventilated place away from.
S16 - Keep away from sources of ignition - No smoking.
S21 - When using do not smoke.
S23 - Do not breathe gas/fumes/vapour/spray.
S25 - Avoid contact with eyes.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35 - This material and its container must be disposed of in a safe way.
S51 - Use only in well-ventilated areas.

2.3. Other hazards

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

3.2. Mixtures

<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>64-17-5</td>
<td>200-578-6</td>
<td></td>
<td>1 - 10%</td>
<td>Xn; R22 Xi; R41</td>
</tr>
<tr>
<td>Ethyl alcohol (Ethanol)</td>
<td>603-002-00-5</td>
<td>200-578-6</td>
<td></td>
<td></td>
<td>20 - 30%</td>
<td>F; R11</td>
</tr>
<tr>
<td>Propylene Glycol (Propane-1,2-diol total vapour and particulates)</td>
<td>57-55-6</td>
<td>200-338-0</td>
<td>01-2119456809-23</td>
<td></td>
<td>0 - 0.5%</td>
<td></td>
</tr>
<tr>
<td>BHT (Butylated Hydroxytoluene) (2,6-Di-tert-butyl-p-cresol)</td>
<td>128-37-0</td>
<td>204-881-4</td>
<td></td>
<td></td>
<td>0 - 0.5%</td>
<td>N; R50/53</td>
</tr>
</tbody>
</table>

Further information

Product Description & Uses
Screen Wash has been specially formulated for use in the screen wash systems of vehicles.
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
High concentration of vapour in enclosed space may cause irritation, headaches and nausea. May cause irritation to respiratory system.

Eye contact
Irritating to eyes.

Skin contact
May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin.

Ingestion
May cause irritation to mucous membranes.

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

Inhalation
TREAT SYMPOTOMATICALLY.

Eye contact
Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.

Skin contact
Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.

Ingestion
Seek medical attention if irritation or symptoms persist.

General information
Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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.
Screenwash

Further information
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. Flammable liquid. Avoid sparks, flames, heat and sources of ignition.

6.2. Environmental precautions
Advise local authorities if large spills cannot be contained.

6.3. Methods and material for containment and cleaning up
Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition.

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

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)
Screen Wash has been specially formulated for use in the screen wash systems of vehicles.

Suitable packaging
Plastic containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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>BHT (Butylated Hydroxytoluene)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(2,6-Di-tert-butyl-p-cresol)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethyl alcohol (Ethanol)</td>
<td>1000</td>
<td>1920</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propylene Glycol (Propane-1,2-diol</td>
<td>150</td>
<td>474</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Particulates)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propylene Glycol (Propane-1,2-diol total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>vapour and particulates)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure controls

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8.2. Exposure controls

<table>
<thead>
<tr>
<th>Protection Type</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye / face protection</td>
<td>Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.</td>
</tr>
<tr>
<td>Skin protection - Handprotection</td>
<td>Rubber gloves.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td>Aqueous solution</td>
</tr>
<tr>
<td>Colour</td>
<td>Blue</td>
</tr>
<tr>
<td>Odour</td>
<td>Designer Fragranced</td>
</tr>
<tr>
<td>pH</td>
<td>5.5 - 7.9</td>
</tr>
<tr>
<td>Boiling point</td>
<td>81 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>25 °C</td>
</tr>
<tr>
<td>Viscosity</td>
<td>50 centipoise</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
</tbody>
</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific gravity</td>
<td>0.89 - 0.92 g/cm³</td>
</tr>
<tr>
<td>VOC (Volatile organic compounds)</td>
<td>30 g/l</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid. Stable under normal conditions.

10.2. Chemical stability

Flammable liquid. Stable under normal conditions.

10.3. Possibility of hazardous reactions

Oxidising agents. Combustible materials.

10.4. Conditions to avoid

Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light.

10.5. Incompatible materials

Oxidising agents.

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>Effect</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not anticipated under normal conditions of use. May cause irritation to skin.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Not anticipated under normal conditions of use.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not anticipated under normal conditions of use. May cause irritation to respiratory system.</td>
</tr>
</tbody>
</table>
11.1. Information on toxicological effects

**Repeated or prolonged exposure**
Prolonged contact may cause defatting of the skin.

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 guide lines.

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

Hazard pictograms

14.1. UN number
UN1170

14.2. UN proper shipping name
ETHYL ALCOHOL SOLUTION

14.3. Transport hazard class(es)
ADR/RID 3
Subsidiary risk -
Screenwash

14.3. Transport hazard class(es)

<table>
<thead>
<tr>
<th>IMDG</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsidiary risk</td>
<td>-</td>
</tr>
<tr>
<td>IATA</td>
<td>3</td>
</tr>
<tr>
<td>Subsidiary risk</td>
<td>-</td>
</tr>
</tbody>
</table>

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmental hazards No
Marine pollutant No

ADR/RID

Hazard ID 30
Tunnel Category (D/E)

IMDG

EmS Code F-E S-D

IATA

Packing Instruction (Cargo) 366
Maximum quantity 220 L
Packing Instruction (Passenger) 355
Maximum quantity 60 L

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

Text of risk phrases in Section 3
R11 - Highly flammable.
R22 - Harmful if swallowed.
R41 - Risk of serious damage to eyes.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Maximum content of VOC 30 g/l.

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
<table>
<thead>
<tr>
<th>Further information</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>