

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Screenwash

Revision 0

Revision date 2014-08-26

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.
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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
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	R10 Symbols:
Main hazards	Flammable.

2.2. Label elements

Risk phrases	No symbol required. R10 - Flammable.
Safety phrases	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.
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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. (%w/w)	Classification
C9-11 Alcohol ethoxylate		68439-46-3			1 - 10%	Xn; R22 Xi; R41
Ethyl alcohol (Ethanol)	603-002-00-5	64-17-5	200-578-6		20 - 30%	F; R11
Propylene Glycol (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0	01-2119456809-23	0 - 0.5%	
BHT (Butylated Hydroxytoluene) (2,6-Di-tert-butyl-p-cresol)		128-37-0	204-881-4		0 - 0.5%	N; R50/53

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 SYMPTOMATICALLY. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

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**

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

Flammable liquid. Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed. Keep away from combustible material. Keep out of the reach of children.

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

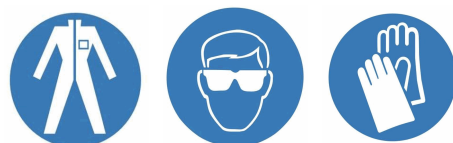
8.1. Control parameters

Occupational exposure controls.

8.1.1. Exposure Limit Values

BHT (Butylated Hydroxytoluene) (2,6-Di-tert-butyl-p-cresol)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
Ethyl alcohol (Ethanol)	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m ³ : 1920
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
Propylene Glycol (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
Propylene Glycol (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150	WEL 8-hr limit mg/m ³ : 474
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -

8.2. Exposure controls



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8.2. Exposure controls

Eye / face protection Skin protection - Handprotection Respiratory 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.
	Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.
	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	Aqueous solution
Colour	Blue
Odour	Designer Fragranced
pH	5.5 - 7.9
Boiling point	81 °C
Flash point	25 °C
Viscosity	50 centipoise
Solubility	Soluble in water

9.2. Other information

Specific gravity	0.89 - 0.92 g/cm ³
VOC (Volatile organic compounds)	30 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

	Flammable liquid. Stable under normal conditions.
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10.2. Chemical stability

	Flammable liquid. Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Oxidising agents. Combustible materials.
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10.4. Conditions to avoid

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

	Oxidising agents.
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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

Skin corrosion/irritation	Not anticipated under normal conditions of use. May cause irritation to skin.
Serious eye damage/irritation	Not anticipated under normal conditions of use.
Respiratory or skin sensitisation	Not anticipated under normal conditions of use. May cause irritation to respiratory system.

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11.1. Information on toxicological effects

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

	No data available
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SECTION 12: Ecological information

12.1. Toxicity

	No data available
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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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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

	No data available.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

	Dispose of in compliance with all local and national requirements.
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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.
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SECTION 14: Transport information

Hazard pictograms



14.1. UN number

	UN1170
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14.2. UN proper shipping name

	ETHYL ALCOHOL SOLUTION
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14.3. Transport hazard class(es)

ADR/RID	3
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Subsidiary risk	-
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14.3. Transport hazard class(es)	
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-
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	<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>
15.2. Chemical safety assessment	
	No information available.
SECTION 16: Other information	
Other information	
Text of risk phrases in Section 3	<p>R11 - Highly flammable.</p> <p>R22 - Harmful if swallowed.</p> <p>R41 - Risk of serious damage to eyes.</p> <p>R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
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

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Further information

	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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