



## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

Page 1/8

### Pre-diluted Ready to Use windscreen wash

Revision 13

Revision date 2020-09-03

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

##### 1.1. Product identifier

Product name	Pre-diluted Ready to Use windscreen wash
Product code	QAFS660

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

Product Use	[SU21] Consumer uses: Private households (= general public = consumers); ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);
Description	Ready to use screenwash for vehicles.

##### 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	<a href="http://www.superfine.co.uk">www.superfine.co.uk</a>
Telephone	Tel: 01307 463538
Fax	Fax: 01307 468505
Email	<a href="mailto:nigel@superfine.co.uk">nigel@superfine.co.uk</a>
Email address of the competent person	<a href="mailto:nigel@superfine.co.uk">nigel@superfine.co.uk</a>

##### 1.4. Emergency telephone number

Emergency telephone number	01307 463538 8.30am to 17.00pm  National Poisons Information Service: For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)  If you are a healthcare professional with an enquiry please visit <a href="http://www.TOXBASE.org">www.TOXBASE.org</a>
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008	Eye Irrit. 2: H319;
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##### 2.2. Label elements

## Pre-diluted Ready to Use windscreen wash

Revision 13

Revision date 2020-09-03

## 2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Eye Irrit. 2: H319 - Causes serious eye irritation.
Precautionary Statement: Prevention	P102 - Keep out of reach of children. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.
SUPPLEMENTAL HAZARD INFORMATION	Ingredients - Denatured Alcohol, NTA and salts thereof, Less than 5% Anionic surfactants, Less than 5% Non-ionic surfactants, CI 42090.

## 2.3. Other hazards

Other hazards	This mixture is not classified as PBT or vPvB according to current EU criteria.
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## Further information

	This product does not sustain combustion as tested under the UN Transport "Manual of Tests and Criteria, Part III, subsection 32.5.2.". The Flash Point is 48.5 degC. See ADR, Chapter 3, Section 2.2.3.1.1, Note 1.
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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
Ethanol: Ethyl Alcohol (Ethanol)		64-17-5	200-578-6	01-2119457610-43	10 - 20%	Flam. Liq. 2: H225; Eye Irrit. 2: H319;
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6	01-2119519239-36	0 - 0.5%	Carc. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;
methanol	603-001-00-X	67-56-1	200-659-6	01-2119433307-44	0 - 0.5%	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301;
sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27	0 - 0.5%	STOT SE 1: H370; Skin Corr. 1A: H314;

## Further information

Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
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## 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	May cause irritation to respiratory system.
Eye contact	Causes serious eye irritation.
Skin contact	May cause irritation to skin.
Ingestion	May cause irritation to mucous membranes.

## Pre-diluted Ready to Use windscreen wash

Revision 13

Revision date 2020-09-03

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

Inhalation	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**

	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**

	None known.
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**5.3. Advice for firefighters**

	Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear.
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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. Avoid contact with eyes and skin.
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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**

	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)**

	Ready to use screenwash for vehicles.
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**Suitable packaging**

	Plastic containers.
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**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

## Pre-diluted Ready to Use windscreen wash

Revision 13  
Revision date 2020-09-03

## 8.1. Control parameters

Occupational exposure controls.

## 8.1.1. Exposure Limit Values

Ethanol: Ethyl Alcohol (Ethanol)	WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
methanol	WEL 8-hr limit ppm: 200 WEL 15 min limit ppm: 250 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 266 WEL 15 min limit mg/m3: 333 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -

DNEL: Derived no-effect level.

## Exposure Pattern - Workers

Ethanol: Ethyl Alcohol	Long-term - inhalation - Systemic effects 950 mg/m <sup>3</sup> Long-term - inhalation - Local effects 1900 mg/m <sup>3</sup>	Long-term - dermal - Systemic effects 343 mg/kg
methanol	Acute inhalation - Systemic effects 260 mg/m <sup>3</sup> Acute inhalation - Local effects 260 mg/m <sup>3</sup> Long-term - inhalation - Systemic effects 260 mg/m <sup>3</sup> Long-term - dermal - Systemic effects 40 mg/kg	Acute dermal - Systemic effects 40 mg/kg Long-term - inhalation - Local effects 260 mg/m <sup>3</sup>

## Exposure Pattern - General population

Ethanol: Ethyl Alcohol	Long-term - inhalation - Systemic effects 114 mg/m <sup>3</sup> Long-term - inhalation - Local effects 950 mg/m <sup>3</sup> Long-term - oral - Systemic effects 87 mg/kg	Long-term - dermal - Systemic effects 206 mg/kg
methanol	Acute inhalation - Systemic effects 50 mg/m <sup>3</sup> Acute inhalation - Local effects 50 mg/m <sup>3</sup> Long-term - inhalation - Systemic effects 50 mg/m <sup>3</sup> Long-term - dermal - Systemic effects 8 mg/kg	Acute dermal - Systemic effects 8 mg/kg Long-term - inhalation - Local effects 50 mg/m <sup>3</sup>

## 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.

## Pre-diluted Ready to Use windscreen wash

Revision 13

Revision date 2020-09-03

## 8.2. Exposure controls

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	Blue
Odour	Characteristic
Odour threshold	No data available
pH	9.5 - 10.9
Melting point	No data available
Initial boiling point	No data available
Flash point	50 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.98 - 0.999 g/cm <sup>3</sup>
Water solubility	100 g/cm <sup>3</sup>
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

Lead content	No data available
VOC (Volatile organic compounds)	No data available
Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	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

	None known.
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## Pre-diluted Ready to Use windscreen wash

Revision 13

Revision date 2020-09-03

## 10.4. Conditions to avoid

Protect from frost. Avoid storing in direct Sun Light.

## 10.5. Incompatible materials

Strong acids. Strong oxidising agents.

## 10.6. Hazardous decomposition products

No Hazardous decomposition products when stored and handled correctly.

## 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).
	based on available data the classification criteria are not met.
	Oral ATE = >10,000 mg/kg.
	Dermal ATE = >10,000 mg/kg. Inhalation Vapour ATE = 158.7 mg/l.
Skin corrosion/irritation	based on available data the classification criteria are not met.
Serious eye damage/irritation	Eye Irrit. 2: H319 - Causes serious eye irritation.
Respiratory or skin sensitisation	based on available data the classification criteria are not met.
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.

## 11.1.3. Hazard Information

No data available.

## 11.1.4. Toxicological Information

Ethanol: Ethyl Alcohol	Oral Rat LD50: >2000 mg/kg Inhalation Rat LC50/4 h: 20 mg/l	Dermal Rabbit LD50: >2000 mg/kg
methanol	Inhalation Rat LC50/15min: 700.0 ppm Oral Rat LD50: 100.0 mg/kg Inhalation Rat LC50/4 h: 0.5 mg/l	Inhalation Rat LC50/30min: 3.0 mg/l Dermal Rabbit LD50: 300.0 mg/kg

## SECTION 12: Ecological information

## 12.1. Toxicity

Ethanol: Ethyl Alcohol	Daphnia EC50/48h: 12340.0000 mg/l Green Algae EC50/48h: >100mg/l Rainbow trout LC50/96h: 13000 mg/l NOEC / EC10 for marine or freshwater organisms: 9.6000 mg/l	Algae EC50/72h: 275 mg/l Fathead minnows LC50/96h: 14200 mg/l
methanol	Daphnia EC50/48h: 10000.0000 mg/l Fathead minnows LC50/96h: >100 mg/l	Green algae EC50/96h: 16.912 mg/l Lepomis_Macrochirus LC50/96h: 15400 mg/l
Monopropylene Glycol	EC50 for marine or freshwater organisms: 13020.0000 mg/l	LC50 for marine or freshwater organisms: 15000.0000 mg/l

## 12.2. Persistence and degradability

## Pre-diluted Ready to Use windscreen wash

Revision 13  
Revision date 2020-09-03

## 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

	The product is not bioaccumulating.
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## Partition coefficient

	<b>Pre-diluted Ready to Use</b> No data available <b>windscreen wash</b> <b>methanol</b> -0.82	<b>Ethanol: Ethyl Alcohol</b> -0.35 log P
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## 12.4. Mobility in soil

	This product is soluble in water.
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## 12.5. Results of PBT and vPvB assessment

	This mixture is not classified as PBT or vPvB according to current EU criteria.
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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

## 14.1. UN number

	The product is not classified as dangerous for carriage.
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## 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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## 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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## 14.4. Packing group

	The product is not classified as dangerous for carriage.
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## 14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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## 14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
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## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

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

## Pre-diluted Ready to Use windscreen wash

Revision 13

Revision date 2020-09-03

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

<b>Regulations</b>	<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

<b>Revision</b>	<p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> <li>1 - Description.</li> <li>2 - SUPPLEMENTAL HAZARD INFORMATION.</li> <li>3 - Active Ingredients.</li> <li>5 - 5.2. Special hazards arising from the substance or mixture.</li> <li>5 - 5.3. Advice for firefighters.</li> <li>6 - 6.1. Personal precautions, protective equipment and emergency procedures.</li> <li>7 - 7.3. Specific end use(s).</li> <li>10 - 10.4. Conditions to avoid.</li> <li>10 - 10.3. Possibility of hazardous reactions.</li> <li>10 - 10.6. Hazardous decomposition products.</li> <li>10 - 10.5. Incompatible materials.</li> <li>11 - Acute toxicity.</li> <li>12 - 12.1. Toxicity.</li> <li>12 - 12.4. Mobility in soil.</li> <li>12 - 12.3. Bioaccumulative potential.</li> <li>12 - 12.5. Results of PBT and vPvB assessment.</li> </ul>
<b>Data sources</b>	<p>Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008:.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation. - Calculation Method.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Carc. 2: H351 - Suspected of causing cancer .</p> <p>Acute Tox. 3: H301 - Toxic if swallowed.</p> <p>Acute Tox. 3: H311 - Toxic in contact with skin.</p> <p>Acute Tox. 3: H331 - Toxic if inhaled.</p> <p>STOT SE 1: H370 - Causes damage to organs .</p> <p>Met. Corr. 1: H290 - May be corrosive to metals.</p> <p>Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.</p>

## Further information

	<p>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.</p>
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