



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

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### Wash & Shine

Revision 16

Revision date 2018-07-09

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

##### 1.1. Product identifier

Product name	Wash & Shine
Product code	QAFS743

##### 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	No data is available on this product.

##### 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
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#### SECTION 2: Hazards identification

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

2.1.2. Classification - EC 1272/2008	EUH208; Eye Dam. 1: H318;
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##### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	EUH208 - Contains benzisothiazolinone. May produce an allergic reaction. Eye Dam. 1: H318 - Causes serious eye damage.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	P102 - Keep out of reach of children. P103 - Read label before use. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	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.

## 2.3. Other hazards

<b>Other hazards</b>	PBT not identified as a PBT substance.
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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
1-Propanaminium, N-(3-aminopropyl)-2-hydroxy-N,N-dimethyl-3-sulfo-, N-(C8-18(even numbered)acyl) derivs, hydroxides, inner salts			939-455-3	01-2119970722-34	1 - 10%	Eye Dam. 1: H318; Aquatic Chronic 3: H412;
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;
C8-18 (even numbered) Alkylamidopropylbetain			931-296-8	01-2119488533-30	1 - 10%	Eye Dam. 1: H318; Aquatic Chronic 3: H412;
Reaction products of C12-18-(even numbered)-alkylamines and acrylic acid and sodium hydroxide			939-647-7		1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318;
sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27	0 - 0.5%	Skin Corr. 1A: H314;

## Further information

<b>Product Shelf Life</b>	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
<b>Active Ingredients</b>	Ingredients - 5 - 15% Non-ionic Surfactants, 5 - 15% Amphoteric Surfactants, Acid EDTA, Benzisothiazolinone, Parfum.

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water. Contact lenses should be removed.
<b>Skin contact</b>	Remove contaminated clothing. Wash with water and soap as a precaution.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

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

<b>Inhalation</b>	May cause irritation to respiratory system.
<b>Eye contact</b>	Causes serious eye damage.
<b>Skin contact</b>	May cause irritation to skin.
<b>Ingestion</b>	May cause irritation to mucous membranes.

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

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

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## 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

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.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Occupational exposure controls.

#### 8.1.1. Exposure Limit Values

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## 8.1.1. Exposure Limit Values

sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m <sup>3</sup> : -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m <sup>3</sup> : 2
	WEL 8-hr limit mg/m <sup>3</sup> total inhalable dust: -	WEL 15 min limit mg/m <sup>3</sup> total inhalable dust: -
	WEL 8-hr limit mg/m <sup>3</sup> total respirable dust: -	WEL 15 min limit mg/m <sup>3</sup> total respirable dust: -

DNEL: Derived no-effect level.


## Exposure Pattern - Workers

sodium hydroxide	Acute inhalation - Local effects	2 mg/m <sup>3</sup>	Long-term - inhalation - Local effects	1 mg/m <sup>3</sup>
	Acute dermal - Local effects	2 mg/kg		
Tetrasodium ethylene diamine tetraacetate	Acute inhalation - Local effects	2.5 mg/m <sup>3</sup>		
	Long-term - inhalation - Local effects	2.5 mg/m <sup>3</sup>		

## Exposure Pattern - General population

sodium hydroxide	Long-term - inhalation - Local effects	1 mg/m <sup>3</sup>	
Tetrasodium ethylene diamine tetraacetate	Acute inhalation - Local effects	1.5 mg/m <sup>3</sup>	
	Long-term - inhalation - Local effects	1.5 mg/m <sup>3</sup>	Long-term - oral - Systemic effects 25 mg/kg

## 8.2. Exposure controls

8.2.1. Appropriate engineering 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.
	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

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## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid
<b>Colour</b>	Yellow
<b>Odour</b>	Perfumes
<b>Odour threshold</b>	No data available
<b>pH</b>	9.5 - 10.2
<b>Melting point</b>	Not applicable.
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	90 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	< 50 centipoise
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Specific gravity</b>	1.015 - 1.019 g/cm <sup>3</sup>
<b>Gas group</b>	No data available
<b>Benzene Content</b>	No data available
<b>Lead content</b>	No data available
<b>VOC (Volatile organic compounds)</b>	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.

## 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

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).

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## 11.1. Information on toxicological effects

Acute toxicity	based on available data the classification criteria are not met.
Skin corrosion/irritation	based on available data the classification criteria are not met.
Serious eye damage/irritation	Eye Dam. 1: H318 - Causes serious eye damage.
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.
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## 11.1.3. Hazard Information

	No data available.
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## 11.1.4. Toxicological Information

sodium hydroxide	Oral Rat LD50: >500 mg/kg
Tetrasodium ethylene diamine tetraacetate	Oral Rat LD50: 1780 mg/kg

## SECTION 12: Ecological information

## 12.1. Toxicity

Tetrasodium ethylene diamine tetraacetate	Fish LC50/96h: 100.0000 mg/l	Algae EC50/72h: >100 mg/l
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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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## Partition coefficient

	Wash & Shine No data available	sodium hydroxide No data available
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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.

## SECTION 14: Transport information

## 14.1. UN number

The product is not classified as dangerous for carriage.

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 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.

## 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:.

4 - Inhalation.

4 - Eye contact.

4 - Skin contact.

4 - Ingestion.

11 - 11.1.4. Toxicological Information.

11 - 11.1. Information on toxicological effects.

11 - Serious eye damage/irritation.

12 - 12.1. Toxicity.

14 - 14.6. Special precautions for user.

14 - 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

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## Other information

	16 - Data sources.
<b>Data sources</b>	Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008: Eye Dam. 1: H318 - Causes serious eye damage. - Calculation Method.
<b>Text of Hazard Statements in Section 3</b>	Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. 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 . Skin Irrit. 2: H315 - Causes skin irritation. Skin Corr. 1A: H314 - Causes severe skin burns and eye damage. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Eye Irrit. 2: H319 - Causes serious eye 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.
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