



## SAFETY DATA SHEET

according to Regulation (EU) 2020/878

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### Bilge Cleaner

Revision 16

Revision date 2023-01-17

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

##### 1.1. Product identifier

Product name	Bilge Cleaner
Product code	qafs220

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

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC35] Washing and cleaning products (including solvent based products);
Description	Product is a concentrated high active Marine cleaning solution. Formulated for cleaning Bilges,.

##### 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 address of the competent person	nigel@superfine.co.uk

##### 1.4. Emergency telephone number

Emergency telephone number	01307 463538 8.30am to 17.00pm  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	Acute Tox. 4: H302; Skin Sens. 1: H317; Eye Dam. 1: H318; Aquatic Chronic 3: H412;
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##### 2.2. Label elements

Hazard pictograms	
Signal Word	Danger
Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed.

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## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Dam. 1: H318 - Causes serious eye damage. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
<b>Precautionary Statement: Disposal</b>	P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations.
<b>SUPPLEMENTAL HAZARD INFORMATION</b>	Ingredients as required by Regulation (EC) No 648/2004.: 15 - 30% Non-ionic Surfactants, Pinus Sylvestris, Hexylene Glycol, CI 42090.  Contains - C9-11 Alcohol, ethoxylated, 2-methylpentane-2,4-diol, Pine Oil.

## 2.3. Other hazards

<b>Other hazards</b>	This substance/mixture is not classified as PBT or vPvB according to current criteria. The substance/mixture does not contain substances with endocrine disrupting properties.
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## Further information

	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
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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
C9-11 Alcohol, ethoxylated		68439-45-2			20 - 30%	Acute Tox. 4: H302; Eye Dam. 1: H318;
Hexylene Glycol (2-Methylpentane-2,4-diol)		107-41-5	203-489-0	01-2119539582-35	1 - 10%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; Repr. 2: H361d;
Pine Oil		8000-41-7	701-188-3	01-2119553062-49	1 - 10%	Flam. Liq. 3: H226; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 1: H410;

## 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>	Irritating to respiratory system.
<b>Eye contact</b>	Causes serious eye damage.
<b>Skin contact</b>	Irritating to skin.
<b>Ingestion</b>	Irritating 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

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

Skin contact	if irritation or symptoms persist.
	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.
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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)

	Product is a concentrated high active Marine cleaning solution. Formulated for cleaning Bilges,.
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## Suitable packaging

	Plastic containers.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

	Occupational exposure controls.
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## 8.1.1. Exposure Limit Values

Hexylene Glycol (2-Methylpentane-2,4-diol)	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m <sup>3</sup> : 123
	WEL 15 min limit ppm: 25	WEL 15 min limit mg/m <sup>3</sup> : 123
	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

Hexylene Glycol	Acute inhalation - Local effects	98 mg/m <sup>3</sup>	
	Long-term - inhalation - Systemic effects	44 mg/m <sup>3</sup>	Long-term - inhalation - Local effects
	Long-term - dermal - Systemic effects	63 mg/kg	

## Exposure Pattern - General population

Hexylene Glycol	Acute inhalation - Local effects	49 mg/m <sup>3</sup>	
	Long-term - inhalation - Systemic effects	7.8 mg/m <sup>3</sup>	Long-term - inhalation - Local effects
	Long-term - dermal - Systemic effects	22.5 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. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Wear chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Skin protection - Handprotection	Rubber gloves. Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
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

Appearance	Liquid
Colour	Blue
Odour	Pine
Oxidising properties	No data available
Odour threshold	No data available
pH	5 - 7
Melting point	No data available
Initial boiling point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative Vapour Density	No data available
Density / Relative Density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	< 200 centipoise
Explosive properties	No data available
Solubility	No data available

## 9.2. Other information

Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available
Conductivity	No data available
Surface tension	No data available
Specific gravity	1.01 - 1.03 g/cm <sup>3</sup>

## 9.2.1. Information with regard to physical hazard classes

	No data is available on this product.
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## 9.2.2. Other safety characteristics

	No data is available on this product.
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## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
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## 10.2. Chemical stability

	Stable under normal conditions.
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## 10.3. Possibility of hazardous reactions

	Strong acids. Strong oxidising agents.
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## 10.4. Conditions to avoid

	Protect from frost. Avoid excessive heat for prolonged periods of time.
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## 10.5. Incompatible materials

	Strong acids. Strong oxidising agents.
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## 10.6. Hazardous decomposition products

	No Hazardous decomposition products when stored and handled correctly.
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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes

<b>Acute toxicity</b>  <b>Skin corrosion/irritation</b> <b>Serious eye damage/irritation</b> <b>Respiratory or skin sensitisation</b> <b>Germ cell mutagenicity</b> <b>Carcinogenicity</b> <b>Reproductive toxicity</b> <b>STOT-single exposure</b> <b>STOT-repeated exposure</b> <b>Aspiration hazard</b> <b>Repeated or prolonged exposure</b>	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).
	Acute Tox. 4: H302 - Harmful if swallowed. Oral ATE = 3924.19 mg/kg, Oral ATE = 1111.11 mg/kg.
	based on available data the classification criteria are not met.
	Eye Dam. 1: H318 - Causes serious eye damage.
	Skin Sens. 1: H317 - May cause an allergic skin reaction.
	based on available data the classification criteria are not met.
	based on available data the classification criteria are not met.
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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

C9-11 Alcohol, ethoxylated	Dermal Rat LD50: > 2000 mg/kg	Oral Rat LD50 = >300 - <= 2000 mg/kg:
Hexylene Glycol	Oral Rat LD50: 3,700.0 mg/kg	Dermal Rabbit LD50: 13,000.0 mg/kg
Pine Oil	Oral Rat LD50: >2000 mg/kg	Dermal Rabbit LD50: >2000 mg/kg

### 11.2 Information on other hazards

	No data is available on this product.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Hexylene Glycol	Daphnia EC50/48h: 5410.0000 mg/l Guppy LC50/96h: 8510 mg/l	Algae EC50/72h: >429 mg/l
Pine Oil	Daphnia EC50/48h: 73.0000 mg/l Brachydanio Rerio LC50/96h: >62 mg/l	Algae EC50/72h: 68 mg/l

### 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

	Bilge Cleaner No data available	Hexylene Glycol <1 Log Pow
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### 12.4. Mobility in soil

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## 12.4. Mobility in soil

This product is soluble in water.

## 12.5. Results of PBT and vPvB assessment

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

## 12.6 Endocrine disrupting properties

No data is available on this product.

## 12.7. Other adverse effects

No data is available on this product.

## 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

### 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 Maritime Transport in bulk according to IMO instruments

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



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

	<p>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) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).</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> <p>2 - 2.1.2. Classification - EC 1272/2008.</p> <p>2 - Hazard pictograms.</p>
<b>Data sources</b>	<p>Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008, as retained and amended in UK law.</p> <p>Acute Tox. 4: H302 - Harmful if swallowed. - Oral ATE = 1111.11 mg/kg.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction. - Calculation Method.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage. - Calculation Method.</p> <p>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. - Calculation Method.</p>
<b>Text of Hazard Statements in Section 3</b>	<p>Acute Tox. 4: H302 - Harmful if swallowed.</p> <p>Eye Dam. 1: H318 - Causes serious eye damage.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Repr. 2: H361d - Suspected of damaging the unborn child.</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour.</p> <p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</p> <p>Skin Sens. 1: H317 - May cause an allergic skin reaction.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</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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