



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

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### Co-Viro Hand Sanitiser

Revision 3

Revision date 2021-10-25

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

##### 1.1. Product identifier

Product name	Co-Viro Hand Sanitiser
Product code	QAFS854

##### 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); ----- [SU21] Consumer uses: Private households (= general public = consumers);
Description	Hand Sanitiser.

##### 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	Aquatic Chronic 3: H412;
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##### 2.2. Label elements

Hazard Statement	Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Precautionary Statement: Prevention	P102 - Keep out of reach of children.
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.

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## 2.2. Label elements

SUPPLEMENTAL HAZARD INFORMATION	P332+P313 - If skin irritation occurs: Get medical advice/attention.
	P337+P313 - If eye irritation persists: Get medical advice/attention.
	Ingredients - Aqua, Glycerine, Didecyl Dimethyl Ammonium Chloride, Chlorhexidine Digluconate, Tetrasodium EDTA, CI 42090.
	Active Content - 0.36% w/w Didecyl Dimethyl Ammonium Chloride & 0.1% w/w Chlorihexidine Digluconate.

## 2.3. Other hazards

Other hazards	This mixture is not classified as PBT or vPvB according to current EU criteria.
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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
Glycerol (Glycerol, mist)		56-81-5	200-289-5		0.5 - 1%	
didecyl(dimethyl ammonium chloride)		7173-51-5	230-525-2		0 - 0.5%	Acute Tox. 4: H302; Skin Corr. 1B: H314; Eye Dam. 1: H318; STOT SE 3: H336; Aquatic Chronic 1: H410;
1,6-BIS(N-P-CHLOROPHENYL-BI GUANIDO) HEXANE DIGLUCONATE		18472-51-0	242-354-0	01-2119946568-22	0 - 0.5%	Eye Dam. 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

Didecyl Dimethyl Ammonium Chloride (CAS No. 7173-51-5) - M Factor Acute = 10, M Factor Chronic = 1.  
 1,6-BIS(N-P-CHLOROPHENYL-BIGUANIDO) HEXANE DIGLUCONATE (CAS No. 18472-51-0) - M Factor Acute = 10, M Factor Chronic = 1.

## 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	May cause irritation to eyes.
Skin contact	May cause skin dryness and irritation.
Ingestion	May cause irritation to mucous membranes.

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

	TREAT SYMPTOMATICALLY.
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

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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

None Known.

### 5.3. Advice for firefighters

Fire fighters should wear self contained positive pressure breathing apparatus (SCBA) and full turnout gear.

## 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)

Hand Sanitiser.

## 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

Glycerol (Glycerol, mist)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

DNEL: Derived no-effect level.

## Exposure Pattern - Workers

Glycerol	Long-term - inhalation - Local effects 56 mg/m <sup>3</sup>
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## Exposure Pattern - General population

Glycerol	Long-term - inhalation - Local effects 33 mg/m <sup>3</sup>
	Long-term - oral - Systemic effects 229 mg/kg

## 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.
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	None required, Do not spray near eyes. .
Skin protection - Handprotection	None required.
Respiratory protection	None required.
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>	Colourless
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No data available
<b>pH</b>	7 - 9.4
<b>Melting point</b>	No data available
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	No data available
<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>	0.99 - 1.01
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	No data available
<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>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.
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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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## 10.4. Conditions to avoid

	Protect from frost. Avoid storing in direct Sun Light.
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## 10.5. Incompatible materials

	No incompatible groups noted.
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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 toxicological effects

<b>Acute toxicity</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). based on available data the classification criteria are not met. Oral ATE for mixture >10,000 mg/kg.
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## 11.1. Information on toxicological effects

Skin corrosion/irritation	Inhalation - Dust/Mist ATE = >2,000 mg/l.
Serious eye damage/irritation	based on available data the classification criteria are not met.
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.
Repeated or prolonged exposure	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

	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

	The product is not bioaccumulating.
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## Partition coefficient

	Co-Viro Hand Sanitiser No data available	Glycerol -1.76 Log Pow
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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

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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:  
11 - Acute toxicity.  
11 - Repeated or prolonged exposure.  
12 - 12.1. Toxicity.

## Data sources

Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008:  
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. - Calculation Method.

## Text of Hazard Statements in Section 3

Acute Tox. 4: H302 - Harmful if swallowed.  
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  
Eye Dam. 1: H318 - Causes serious eye damage.

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**Other information**

STOT SE 3: H336 - May cause drowsiness or dizziness.  
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  
Aquatic Acute 1: H400 - Very toxic to aquatic life.

**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.