Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name	Virucidal Cleaner and Disinfectant – Iq1

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

Use of the substance/mixture	Biocidal product

1.3 Details of the supplier of the safety data sheet

Company	Hogies UK Ltd.
Address	266-268 Wickham Road Croydon DR0 8BJ
Telephone	+44 (0)7901 168 4644
Website	www.Hogies.uk
Email address	info@hogies.uk
Emergency telephone number	+44 (0)7901 168 4644

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazardous to the aquatic environment – Chronic Hazard, Category 3 H412
For full text of H statements refer to section 16.

Adverse physicochemical, human health and environmental effects
Harmful to aquatic life with long lasting effects

2.2 Label elements

Labelling according to Regulation (EC) No.1272/2008 [CLP]

Signal word [CLP]	-
Hazard statements [CLP]	H412 – Harmful to aquatic life with long lasting effects.
Precautionary statements [CLP]	P273 avoid release into the environment.

2.3 Other hazards

No additional information available.

Section 3: Composition/information on ingredients

Name	Product Identifier	%	Classification according to Reculation (EC) No.1272/2008 [CLP]
Didecyldimethylammonium chloride	(CAS-No.) 7173-51-5 (E-No.) 230-525-2 (E Index-No.) 612-131-00-6	<1	Acute Tox. 4 (Oral) H302 Acute Tox. 4 (Dermal) H312 Skin Corr. 1B H314 Aquatic Acute 1 H400 (M=10) Aquatic Chronic 1 H410 (M=10)

For full text of H-statements refer to section 16

Section 4: First aid measures

4.1 Description of first aid measures

First aid measures after:

Inhalation - Remover person to fresh air and keep comfortable for breathing.

Skin contact - Wash skin with plenty of water.

Eye contact - Rinse eyes with water as a precaution

Ingestion - Clean mouth with water and drink afterwards plenty of water, call a poison centre or doctor if you feel unwell.

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

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media - Water spray.
Dry powder.
Carbon dioxide.
Foam.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire - Toxic fumes may be released.

5.3 Advice for firefighters

Special protective equipment for firefighters - In the event of a fire, wear self-contained breathing apparatus. Use personal protective equipment.

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

Personal precautions Use personal protective equipment

6.2 Environmental precautions

Environmental precautions Avoid release into the environment.

6.3 Methods and material for containment and cleaning up

Method for cleaning up - Contain spillage and collect with non-combustible absorbent material, (e.g.) sand, earth, diatomaceous earth, vermiculite)

Disposal - Dispose of materials or solid residues at an authorised site.

6.4 References to other sections

For personal protection refer to **section 8**.

For disposal considerations refer to **section 13**.

Section 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling -	Ensure good ventilation of the workstation. Wear personal protective equipment. Wash hands after handling the product.
Hygiene measures -	Avoid eating, drinking, and smoking in the work area.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas -	Keep in a cool, well-ventilated place. Keep containers upright to prevent leakage and do not store in heat or direct sunlight.
Advice on common storage -	Do not store near acids.
Further information -	Keep in original container, do not store in other packaging.

7.3 Specific end use(s)

No additional information available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

No additional information available.

8.2 Exposure controls

Appropriate engineering controls -	Ensure good ventilation of the work station.
Hand protection -	Where risk of contact with hands is likely, suitable chemical resistant gloves are recommended.
Eye protection -	Where there is a risk of spray, mist or splashing, safety glasses (approved to EN166) standard are recommended.
Skin and body protection -	If direct or repeated skin contact is likely, wear suitable protective clothing.
Respiratory protection -	Not required under normal conditions of use.
Environmental exposure controls -	Avoid release into the environment.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Odourless
Odour threshold	No data available
pH	10-11
Melting point/range	Not applicable
Boiling point/range	No data available
Flash point	>65°C
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not applicable
Vapour pressure	No data available
Relative vapour density at 20°C	No data available
Relative density	No data available
Density	1-1.01
Solubility	No data available
Partition coefficient n-octanol/water (Log-Pow)	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

9.2 Other information

No additional information available.

Section 10: Stability and reactivity

10.1 Reactivity

This product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

None under recommended storage and handling conditions, refer to **section 7**.

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition should not be produced.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (oral) - Not classified.

Acute toxicity (dermal) - Not classified.

Acute toxicity (inhalation) - Not classified.

Didecyldimethylammonium chloride (7173-51-5)	
LD50 oral rat	329 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))

Skin corrosion/irritation - Not classified. pH 10-11

Serious eye damage/irritation - Not classified. pH 10-11

Respiratory or skin sensitisation - Not classified.

Germ cell mutagenicity - Not classified.

Carcinogenicity - Not classified.

Reproductive toxicity - Not classified.

STOT-single exposure - Not classified.

STOT-repeated exposure - Not classified.

Aspiration hazard - Not classified.

Section 12: Ecological information

12.1 Toxicity

Ecology – general - Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term (acute) - Not classified.

Hazardous to the aquatic environment long-term (chronic) - Harmful to aquatic life with long lasting effects.

Not rapidly biodegradable.

Didecyldimethylammonium chloride (7173-51-5)	
LC50 fish 1	0.97 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
LC50 fish 2	0.49 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)
EC50 Daphnia 1	0.057 mg/l Test organisms (species): Daphnia magna
EC50 Daphnia 2	0.029 mg/l Test organisms (species): Daphnia magna
LOEC (chronic)	0.047 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	0.021 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2 Persistence and degradability

No additional information available.

12.3 Bio accumulative potential

No additional information available.

12.4 Mobility in soil

No additional information available.

12.5 Results of PBT and vPvB assessment

No additional information available.

12.6 Other adverse effects

No additional information available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Dispose of contents/container in accordance with licenced collectors sorting instructions. Do not dispose of waste into sewer, drains, water courses or the soil.

Section 14: Transport information

In accordance with ADR/RID/IMDG/IATA/ADN

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2 UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3 Transport hazard				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4 Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6 Special precautions for user

Overland transport

Transport by sea -	Not regulated.
Air transport -	Not regulated.
Inland waterway transport -	Not regulated.
Rail Transport -	Not regulated.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

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

EU Regulations:

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals: Didecyldimethylammonium chloride (7173-51-5)

Didecyldimethylammonium chloride (7173-51-5)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

National Regulations:

No additional information available

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16: Other information

16.1 Abbreviations and acronyms:

AND	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS	Chemical Abstract Services.
CLP	Classification Labelling Packaging Regulation, Regulation (EC) No.1272/2008.
DNEL	Derived No Effect Level.
EC-No.	European Community Number.
EN	European Standard.
IATA	International Air Transport Association.
IMDG	International Maritime Dangerous Goods.
LC50	Median Lethal Concentration.
LD50	Median Lethal Dose.
NOAEC	No Observed Adverse Effect Concentration.
NOAEL	No Observed Adverse Effect Level.

16.1 Abbreviations and acronyms CONTINUE:

PBT	Persistent, Bio accumulative and Toxic Substance.
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
SDS	Safety Data Sheet.
vPvB	Very Persistent, and Very Bioaccumulative.

16.2 Full text of H- and EUH-Statements

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Acute Tox.4 (Dermal)	Acute toxicity (dermal), Category 4.
Acute Tox.4 (Oral)	Acute toxicity (oral), Category 4.
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1.
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1.
Skin Corr. 1B	Skin corrosion/irritation, Category 1B.

16.3 Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aquatic Chronic 3	H412

This information is based on our current knowledge and is intended to describe the product for the purpose of meeting health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.