



Easy Antiseptic Disinfectant

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 and SI 2020/1577

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Easy Antiseptic Disinfectant
Product code 02016792
UFI code DX8R-D63S-ARKU-AMNM

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

Identified Use(s) Disinfectant
Uses Advised Against Use only as stated on the label.

1.3 Details of the supplier of the safety data sheet

Manufacturer
Company Identification Easy Cleaning Solutions Ltd
Address of Manufacturer Brunel Way
Thetford
Norfolk
UK

Postal code IP24 1HF
Telephone: +44 (0)1842 757575
Fax Not known.
E-mail contact@easycleaningco.com
Office hours

Supplier
Company Identification Easy Cleaning Solutions
Address of Supplier Brunel Way
Thetford
Norfolk
UK

Postal code IP24 1HF
Telephone: +44 (0)1842 757575
Fax Not known.
E-mail contact@easycleaningco.com
Office hours

1.4 Emergency telephone number

Emergency Phone No. +44 (0)1842 757575 (Available Monday–Friday, 9:00 am–5:00 pm GMT/BST; UK office hours only)
Contact contact@easycleaningco.com
National response centre, NHS Direct +44 111 (24 hours/ 7 days)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567
Skin Irrit. 2 :Causes skin irritation.
Eye Irrit. 2 :Causes serious eye irritation.

2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567
Product Name Easy Antiseptic Disinfectant

Hazard Pictogram(s)



GHS07

Signal Word(s)

Warning



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Hazard Statement(s)

H315: Causes skin irritation.
H319: Causes serious eye irritation.

Precautionary Statement(s)

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
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.
P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

Detergents Information: <5% cationic surfactant, <5% non-ionic surfactant, Disinfectant: Benzalkonium chloride 2.29g/100g, Perfume.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	270-325-2	1-5	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Corr. 1A H314 Aquatic Acute 1 H400	GHS05 GHS07 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1			Acute Tox. 4 (H302) : 500 Acute Tox. 4 (H312) : 1100

Contains no non-classified vPvB substances.
For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation
Skin Contact

Treat symptomatically.
Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Causes skin irritation. Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media
Unsuitable extinguishing media

As appropriate for surrounding fire.
None.



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5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Dike fire control water for later disposal.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Contain spillages with sand, earth or any suitable adsorbent material. Earth may be shovelled to contain spillage and to avoid contamination of sewers and watercourses.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands after working with the substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Disinfectant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTCL (8 hr TWA ppm)	LTCL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Ethanol	64-17-5	1000	1920			
Sodium hydroxide	1310-73-2				2	
Methanol	67-56-1	200	266	250	333	Sk

Region
United Kingdom

Source
UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)

Remark
Sk

Notes
Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



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	Eye Protection	Not normally required under normal conditions of use. Avoid contact with eyes. In case of splashing, wear eye protection with side protection (EN ISO 16321-1).
	Skin protection	Protective gloves are not normally required under normal conditions of use. For prolonged or repeated contact, or for individuals with sensitive skin, wear suitable protective gloves (e.g. EN 374). Refer to glove manufacturer for breakthrough time.
	Respiratory protection	Normally no personal respiratory protection is necessary.
	Thermal hazards	None known.
8.2.3. Environmental Exposure Controls		Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Clear brown liquid
Odour	Not known.
Melting point/freezing point	Not known.
Boiling point or initial boiling point and boiling range	Not known.
Flammability	Not known.
Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	= 6.5.
Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known.
Relative vapour density	Not known.
Particle characteristics	Not known.

9.2 Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	None anticipated.
10.2 Chemical Stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known if used for its intended purpose.
10.4 Conditions to avoid	None anticipated.
10.5 Incompatible materials	Do not use with bleach or other cleaning products.
10.6 Hazardous decomposition products	No hazardous decomposition products known.



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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Product information

Acute toxicity - Ingestion	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 18467.22
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 47930.28
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Causes skin irritation.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Calculation method : Not classified.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified.
Carcinogenicity	Calculation method : Not classified.
Reproductive toxicity	Calculation method : Not classified.
Lactation	Not classified
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

Component information

Acute toxicity

Product/ingredient name	Oral LD50	Dermal LD50
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl chlorides	795 mg/kg (Rat, OECD 401)	> 5000 mg/kg (calculated dermal ATE)
Quaternary ammonium compounds, benzyl-c12-14 (even numbered)-alkyldimethyl, chlorides	350 mg/kg (Rat, OECD 401)	2848 mg/kg (Rabbit, EPA OPPTS 870.1200)

Skin corrosion/irritation

Product/ingredient name	Result	Remarks	Species	Methods
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl chlorides	Corrosive	-	Rabbit	OECD 404

11.2 Information on other hazards

Not known.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity



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Toxicity - Aquatic invertebrates
Toxicity - Fish
Toxicity - Algae
Toxicity - Sediment Compartment
Toxicity - Terrestrial Compartment

Not classified as hazardous to the aquatic environment.
Not known.
Not known.
Not known.
Not classified.
Not classified.

12.2 Persistence and degradability

Component information

Substance data where relevant and available are listed below:

Product/ingredient name	Result
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	
	EC ₁₀ / 72 h 0.0025 mg/l (Selenastrum capricornutum, OECD 201)
	EC ₅₀ / 72 h 0.02 mg/l (Selenastrum capricornutum, OECD 201)
	EC ₅₀ / 48 h 0.016 mg/l (Daphnia, REACH Dossier)
	LC ₅₀ / 96 h (static) 0.85 mg/l (Rainbow trout, OECD 203)
	NOEC / 21 d 0.025 mg/l (Daphnia, OECD 211)
	NOEC / 28 d 0.0322 mg/l (Fathead minnow, U.S. EPA FIFRA 72-4, REACH dossier)
Quaternary ammonium compounds, benzyl-c12-14 (even numbered)-alkyldimethyl, chlorides	
	IC ₅₀ / 72 hours 0.049 mg/l (Pseudokirchnerella subcapitata, OECD 201)
	EC ₁₀ / 72 h 0.009 mg/l (Pseudokirchnerella subcapitata, OECD 201)
	EC ₅₀ / 48 h 0.016 mg/l (Daphnia magna, EU Method C.2)
	LC ₅₀ / 48 h 0.32 mg/l (Calanoid copepod (Acartia tonsa), ISO/CD14669)
	LC ₅₀ / 96 h 1.36 mg/l (Cyprinodon variegatus, PARCOM 1995 part B)
	LC ₅₀ / 96 h 0.28 mg/l (Pimephales promelas, EPA TSCA 797.1400)
	IC ₅₀ / 72 h 0.207 mg/l (Diatom (Skeletonema costatum), ISO 10253)
	NOEC / 21 d 0.0042 mg/l (Daphnia, US EPA FIFRA 72-4 b)
	NOEC / 34 d 0.0322 mg/l (Pimephales promelas, US EPA FIFRA 72-4 (a))
	EC ₁₀ / 72 h 0.096 mg/l (Diatom (Skeletonema costatum), ISO 10253)



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Toxicity - Aquatic invertebrates	Not known.
Toxicity - Fish	Not known.
Toxicity – Microorganisms / Activated Sludge:	Product information: No data is available on the mixture. Substance data where relevant and available are listed below.

Component	Result	Evaluation
Quaternary ammonium compounds, benzylC12-16-alkyldimethyl, chlorides	EC ₂₀ /0.5 h = 5 mg/l (OECD 209)	Depending on concentration, toxic effects on activated sludge organisms are possible.

Toxicity - Algae	Not known.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

12.2 Persistence and degradability data

Product information: No data is available on the mixture. Substance where relevant and available are listed below:

Component	Method	Biodegradation	Exposure time	Guideline	Remarks
Quaternary ammonium compounds, benzyl-C12-16alkyldimethyl, chlorides	Rapid degradability of organic substances	>60%	28 d	OECD 301 D Closed-BottleTest	The component(s) is (are) rapidly degradable.
	Behaviour in sewage treatment plants	>90%	N/A	OECD 303 A: Activated Sludge Units	The substances are biodegradable/eliminable in activated sludge units.
Quaternary ammonium compounds, benzyl-c12-14 (even numbered)alkyldimethyl, chlorides	Percent Degradation (Aerobic Biodegradation)	82.6 - 99.5 %	28 d	OECD 301 B	The bioaccumulation potential is expected to be low.

Conclusion/summary: The surfactants used in this mixture are readily biodegradable.

The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended). and UK Regulation: SI 2020 No. 1617 "The Detergents (Amendment) (EU Exit) Regulations 2020".

12.3 Bioaccumulative potential

Product information: No data is available on the mixture. Substance data where relevant and available are listed below:



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Bioconcentration factor (BCF) / octanol/water partition coefficient (LogKow):

Product/ingredient name	Partition coefficient	BCF
Quaternary ammonium compounds, benzyl-C12-16alkyldimethyl, chlorides	2.88 (n-octanol/water)	79 (fish, REACH dossier)

12.4 Mobility in soil

No data available for mixture.

Component information

Adsorption

Soil/Sediment Sorption – Log Koc

Product/ingredient name	Organic carbon-water partition coefficient (KOC)
Quaternary ammonium compounds, benzyl-c12-14 (even numbered)alkyldimethyl, chlorides	6.2149

12.5 Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6 Endocrine disrupting properties

None known.

12.7 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not classified as a Marine Pollutant.



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14.6 Special precautions for user

Not known

14.7 Maritime transport in bulk according to IMO instruments

Not known

SECTION 15: REGULATORY INFORMATION

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

United Kingdom Regulations - Authorisations and/or Restrictions On Use

UK REACH Candidate List of Substances Not listed

of Very High Concern for Authorisation

UK REACH Authorisation List (Annex Not listed

XIV) list of substances subject to

authorisation

UK REACH Restrictions List (Annex XVII) Not listed

Restrictions on the manufacture, placing

on the market and use of certain

dangerous substances, mixtures and

articles

UK REACH Rolling Action Plan (RAP) Not listed

The Persistent Organic Pollutants Not listed

Regulations 2007 (SI 2007/3106) as

amended

The Ozone-Depleting Substances and Not listed

Fluorinated Greenhouse Gases

(Amendment etc.) (EU Exit) Regulations

2019 (SI 2019/583)

The Prior Informed Consent (PIC) Not listed

Regulations concerning the export and

import of hazardous chemicals

SI2008/2108 as amended

European Regulations - Authorisations and/or Restrictions On Use

Community Rolling Action Plan (CoRAP) Not listed

Seveso Directive

None known.

15.2 Chemical Safety Assessment

United Kingdom

A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS07

GHS02: GHS: Flame

GHS05: GHS: Corrosion

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Hazard classification

Flam. Liq. 2 : Flammable liquid, Category 2

Acute Tox. 4 : Acute toxicity, Category 4

Acute Tox. 4 : Acute toxicity, Category 4

Skin Corr. 1A : Skin corrosion/irritation, Category 1A

Skin Irrit. 2 : Skin corrosion/irritation, Category 2

Eye Dam. 1 : Serious eye damage/irritation, Category 1

Eye Irrit. 2 : Serious eye damage/irritation, Category 2



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STOT SE 3 : Specific target organ toxicity — single exposure, Category 3
Carc. 2 : Carcinogenicity, Category 2
Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Hazard Statement(s)

H225: Highly flammable liquid and vapour.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H351: Suspected of causing cancer.
H400: Very toxic to aquatic life.

Precautionary Statement(s)

P264: Wash hands and exposed skin thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
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.
P321: Specific treatment (see Medical Advice on this label).
P332+P313: If skin irritation occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.

Acronyms

ATE : Acute Toxicity Estimate
CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS Training Advice Disclaimers

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567

Regular safety training as appropriate
Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Easy Cleaning Solutions gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Easy Cleaning Solutions accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.