



SAFETY DATA SHEET
MICRONCLEAN ALPHA PLUS

Contents

Section 1	Identification of the substance/mixture and of the company/undertaking	01
Section 2	Hazards identification	02
Section 3	Composition/information on ingredients	03
Section 4	First aid measures	03
Section 5	Firefighting measures	04
Section 6	Accidental release measures	04
Section 7	Handling and storage	04
Section 8	Exposure controls/personal protection	05
Section 9	Physical and chemical properties	06
Section 10	Stability and Reactivity	06
Section 11	Toxicological information	07
Section 12	Ecological information	07
Section 13	Disposal considerations	08
Section 14	Transport information	08
Section 15	Regulatory information	08
Section 16	Other information	09

Document control:

Issue Number	Reason for Change	Issue Date	Issued by
1	SDS creation	07/2023	Uzayr Jarral - Regulatory Officer <i>Uzayr Jarral</i>

SAFETY DATA SHEET - MICRONCLEAN ALPHA PLUS

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	Micronclean Alpha Plus
CAS No.	Not applicable
EC No.	Not applicable
REACH Registration No.	Not Known
Unique Formula Identifier (UFI)	1C00-60J5-000P-GS2V

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

Identified Use(s)	Disinfectant
Uses Advised Against	Not known

1.3 Details of the supplier of the safety data sheet

Manufacturer

Company Identification	Micronclean
Address of Manufacturer	Roman Bank Skegness Lincolnshire United Kingdom
Postal code	PE25 1SQ
Telephone:	0044 (0) 1754 767171
Fax	0044 (0) 1754 767171
E-mail	enquiries@micronclean.co.uk
Office hours	09:00 - 17:00

Supplier

Company Identification	Micronclean
Address of Supplier	Holly Road Skegness Lincolnshire United Kingdom
Postal code	PE25 3AX
Telephone	0044 (0) 1754 767171
Fax	0044 (0) 1754 767171
E-mail	enquiries@micronclean.co.uk
Office hours	09:00 - 17:00

1.4 Emergency telephone number

Emergency Phone No.	+44 (0)1754 614100
Contact	No information available
National response centre for UK:	
Address	NHS Direct
Emergency Phone No.	+44 111

SECTION 2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567 Acute Tox. 4 :Harmful if swallowed

2.2 Label elements

According to GB CLP Regulations, UK SI 2019/720 and UK SI 2020/1567

Product Name Micronclean Alpha Plus

Hazard Pictogram(s)



GHS07

Signal Word(s) Warning

Hazard Statement(s) H302: Harmful if swallowed.

Precautionary Statement(s) P101: If medical advice is needed, have product container or label at hand.
P264: Wash hands and exposed skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
P330: Rinse mouth.
P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known

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.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Didecyldimethylammonium chloride	7173-51-5	230-525-2	1-10	Acute Tox. 4 H302	GHS07
Ethyl alcohol	64-17-5	200-578-6	1-10	Flam. Liq. 2 H225	GHS02
Ethanolamine	141-43-5	205-483-3	1-10	Acute Tox. 4 H302	GHS07
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	2372-82-9	219-145-8	2	Acute Tox. 4 H302	GHS07

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

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Treat symptomatically
Skin Contact	Treat symptomatically
Eye Contact	Treat symptomatically
Ingestion	Rinse mouth. Immediately call a POISON CENTRE/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Treat symptomatically

4.3 Indication of any immediate medical attention and special treatment needed

If medical advice is needed, have product container or label at hand. Treat symptomatically.

SECTION 5

FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire
Unsuitable extinguishing media	None

5.2 Special hazards arising from the substance or mixture

May decompose in a fire giving off toxic fumes.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

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. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7

HANDLING AND STORAGE

7.1 Precautions for safe handling

Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

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.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Ethanol	64-17-5	1000	1920			

Region
United Kingdom

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

8.2 Exposure controls

8.2.1. Appropriate engineering controls

Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



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

Appearance	Liquid
Colour	Colourless, Clear
Odour	Odourless
Odour threshold	Not known
pH	Not known
Melting point/freezing point	Not known
Initial boiling point and boiling range	Not known
Flash Point	Not known
Evaporation rate	Not known
Flammability (solid, gas)	Not known
Upper/lower flammability or explosive limits	Not known
Vapour pressure	Not known
Vapour density	Not known
Density (g/ml)	Not known
Relative density	Not known
Solubility(ies)	Solubility (Water): Not known Solubility (Other): Not known
Partition coefficient: n-octanol/water	Not known
Auto-ignition temperature	Not known
Decomposition Temperature (°C)	Not known
Viscosity	Not known
Explosive properties	Not known
Oxidising properties	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

Not known

10.6 Hazardous decomposition products

No hazardous decomposition products known

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity - Ingestion	Calculation method: Harmful if swallowed Calculation method: Calculated acute toxicity estimate (ATE) Calc ATE - 454.55
Acute toxicity - Skin Contact	Calculation method: Not classified
Acute toxicity - Inhalation	Calculation method: Not classified
Skin corrosion/irritation	Calculation method: Causes mild skin irritation
Serious eye damage/irritation	Calculation method: Not classified
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	Calculation method: Not classified
STOT - single exposure	Calculation method: Not classified
STOT - repeated exposure	Calculation method: Not classified
Aspiration hazard	Calculation method: Not classified

11.2 Other information

Not known.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates
Toxicity - Fish	Low toxicity to fish
Toxicity - Algae	Low toxicity to algae
Toxicity - Sediment Compartment	Not classified
Toxicity - Terrestrial Compartment	Not classified

12.2 Persistence and degradability

Not known

12.3 Bioaccumulative potential

Not known

12.4 Mobility in soil

Not known

12.5 Results of PBT and vPvB assessment

Not known

12.6 Other adverse effects

None known

SECTION 13

DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Dispose of this material and its container to hazardous or special waste collection point. 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

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

14.6 Special precautions for user

Not known

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

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 of Very High Concern for Authorisation

Not listed

UK REACH Authorisation List (Annex XIV) list of substances subject to authorisation

Not listed

UK REACH Restrictions List (Annex XVII) Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Didecyldimethylammonium chloride (7173-51-5), N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine (2372-82-9), ethyl alcohol (64-17-5), ethanolamine (141-43-5)
UK REACH Rolling Action Plan (RAP)	Not listed
The Persistent Organic Pollutants Regulations 2007 (SI 2007/3106) as amended	Not listed
The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019/583)	Not listed
The Prior Informed Consent (PIC) Regulations concerning the export and import of hazardous chemicals SI2008/2108 as amended	Didecyldimethylammonium chloride (7173-51-5)
European Regulations Community Rolling Action Plan (CoRAP)	Authorisations and/or Restrictions On Use 2-aminoethanol (141-43-5), Silver (7440-22-4)

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

Hazard classification

Acute Tox. 4: Acute toxicity, Category 4

Hazard Statement(s)	H302: Harmful if swallowed.
Precautionary Statement(s)	P101: If medical advice is needed, have product container or label at hand. P264: Wash hands and exposed skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. P330: Rinse mouth. P501: Dispose of contents in accordance with local, state or national legislation.
Acronyms	ATE: Acute Toxicity Estimate CAS: Chemical Abstracts Service 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	GB CLP Regulation, UK SI 2019/720 and UK SI 2020/1567
Disclaimers	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. Micronclean 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. Micronclean 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.



Roman Bank / Skegness / Lincolnshire / PE25 1SQ
T: +44 (0)1754 767 377
E: sales@micronclean.co.uk
W: www.micronclean.com

