

# SAFETY DATA SHEET

## Micronclean Alpha Concentrate



**4**  
CleanGuard

**micronclean**  
QUALITY TODAY - INNOVATION TOMORROW

**RFU**  
**ALPHA**

PRODUCT CODE  
ZSAP03005-A

EN: Not classified as hazardous. For first aid information please refer to the Material Safety Data Sheet.  
FR: Non classé comme dangereux. Pour des informations sur les premiers secours, veuillez vous reporter à la fiche de données de sécurité.  
ES: No clasificado como peligroso. Para obtener información sobre Primeros Auxilios, consulte el fichero de datos de Seguridad del Producto.  
DE: Nicht klassifiziert als Gefahrstoff oder Gefahrstoff-Informationen zur Gefahrstoffe finden Sie im Sicherheitsdatenblatt.  
PT: Não classificado como perigoso. Para informações sobre Primeiros Socorros, consulte o ficheiro de dados de Segurança do Produto.  
NL: Niet gevaarlijk of afgevaarlijkt. Voor informatie over eerste hulp, zie bijlage 1 tot veiligheidsinformatieblad.

**2**  
VeriGuard

**micronclean**  
QUALITY TODAY - INNOVATION TOMORROW

**POLY-CELLULOSE  
C-FOLDED POUCH WIPES  
STERILE**

**ALPHA**

EN: This product is classified as non-hazardous and is not subject to the REACH regulation.  
FR: Ce produit est classé comme non dangereux et n'est pas soumis à la réglementation REACH.  
ES: Este producto está clasificado como no peligroso y no está sujeto a la normativa REACH.  
DE: Dieses Produkt ist als ungefährlich eingestuft und unterliegt nicht der REACH-Verordnung.  
PT: Este produto é classificado como não perigoso e não está sujeito à regulamentação REACH.  
NL: Dit product is geclassificeerd als ongevaarlijk en valt niet onder de REACH-verordening.

www.micronclean.com  
STERILE

**4**  
CleanGuard

**micronclean**  
QUALITY TODAY - INNOVATION TOMORROW

**TRIGGER  
SPRAY**

**ALPHA**

PRODUCT CODE  
ZSAP01500-A

EN: Not classified as hazardous. For first aid information please refer to the Material Safety Data Sheet.  
FR: Non classé comme dangereux. Pour des informations sur les premiers secours, veuillez vous reporter à la fiche de données de sécurité.  
ES: No clasificado como peligroso. Para obtener información sobre Primeros Auxilios, consulte el fichero de datos de Seguridad del Producto.  
DE: Nicht klassifiziert als Gefahrstoff oder Gefahrstoff-Informationen zur Gefahrstoffe finden Sie im Sicherheitsdatenblatt.  
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STERILE

500ml

## SAFETY DATA SHEET

### Micronclean Alpha Concentrate

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

##### 1.1 Product identifier

Product code/part no.	Product identifier
ZSAP05001	Alpha Unit dose

Product Name	Micronclean Alpha Concentrate
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.
Unique Formula Identifier (UFI)	1VD0-T05N-2004-M824

##### 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

Address NHS Direct

Emergency Phone No. +44 111

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 Acute Tox. 4 :Harmful if swallowed.

(CLP) Skin Corr. 1A :Causes severe skin burns and eye damage.

Eye Dam. 1 :Causes serious eye damage.

### 2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name Micronclean Alpha Concentrate

Hazard Pictogram(s)



GHS05



GHS07

Signal Word(s) Danger

Hazard Statement(s) H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

Precautionary Statement(s) None.

Unique Formula Identifier (UFI) 1VD0-T05N-2004-M824

### 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. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Alcohols, C12-13, branched and linear, ethoxylated	160901-19-9	500-457-0	1-10	Aquatic Acute 1 H400 Aquatic Chronic 3 H412	GHS09
didecyldimethylammonium chloride	7173-51-5	230-525-2	1-10	Acute Tox. 4 H302 Skin Corr. 1B H314	GHS05 GHS07
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	270-325-2	1-10	Acute Tox. 4 H302 Acute Tox. 4 H312 Skin Corr. 1A H314 Aquatic Acute 1 H400	GHS05 GHS07 GHS09
trisodium nitrilotriacetate	5064-31-3	225-768-6	>1	Acute Tox. 4 H302 Eye Irrit. 2 H319 Carc. 2 H351	GHS08 GHS07

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
didecyldimethylammonium chloride	7173-51-5			Acute Tox. 4 (H302) : 0.000
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1			Acute Tox. 4 (H302) : 0.000 Acute Tox. 4 (H312) : 0.000
trisodium nitrilotriacetate	5064-31-3	Carc. 2 C >= 5.00 C <= 100.00		Acute Tox. 4 (H302) : 0.000

Contains no non-classified vPvB substances or substances with a Union workplace exposure limit.  
For full text of H/P Statements see section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation	Immediately call a POISON CENTRE/doctor.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. Immediately call a POISON CENTRE/doctor.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.
Ingestion	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTRE/doctor.

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

Causes burns.

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

Specific treatment (see Medical Advice on this label). Immediately call a POISON CENTRE/doctor.  
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 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

Avoid release to the environment. 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

Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

### 7.2 Conditions for safe storage, including any incompatibilities

Store locked up.

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	No Occupational Exposure Limit assigned.
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### 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.
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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

A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



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	hazy. colourless
Odour	Slight smell of almonds.
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	8.5 - 10.5
Kinematic Viscosity	Not known.
Solubility	Solubility (Water) : Soluble Solubility (Other) : Not known.
Partition coefficient n-octanol/water (log value)	Not known.
Vapour pressure	Not known.
Density and/or relative density	Relative density : 1.00 – 1.05 g/ml
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**

Not known.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity - Ingestion	Calculation method : Harmful if swallowed. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 738.10000 Corrosive. May cause blistering of the skin. Bloodstained vomiting.
Acute toxicity - Skin Contact	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 3410.00000 May cause blistering of the skin. Ulceration.
Acute toxicity - Inhalation	Calculation method : Not classified. May cause shortness of breath. Causes burning sensation. Sore throat. May cause wheeziness. May cause coughing.
Skin corrosion/irritation	Calculation method : Causes severe skin burns and eye damage.
Serious eye damage/irritation	Calculation method : Causes serious eye damage. May cause corneal injury. May cause permanent damage if eye is not immediately irrigated.
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.

**11.2 Information on other hazards**

Not known.

**SECTION 12: ECOLOGICAL INFORMATION**



### 12.1 Toxicity

Toxic to aquatic life.

Toxicity - Aquatic invertebrates

Not known.

Toxicity - Fish

Not known.

Toxicity - Algae

Not known.

Toxicity - Sediment Compartment

Not classified.

Toxicity - Terrestrial Compartment

Not classified.

### 12.2 Persistence and degradability

Biodegradable.

### 12.3 Bioaccumulative potential

The product has no potential for bioaccumulation.

### 12.4 Mobility in soil

This substance will leach into the soil.

### 12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

### 12.6 Endocrine disrupting properties

None known.

### 12.7 Other adverse effects

Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. 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

### 14.1 UN number or ID number

UN No.

1760

### 14.2 UN proper shipping name

UN proper shipping name

CORROSIVE LIQUID, N.O.S.

**14.3 Transport hazard class(es)**

ADR/RID

ADR/RID Class	8
ADR Classification Code	C9
Special Provisions	274
Limited Quantities	1 L
Excepted Quantities	E2
Emergency Action Code	2X
Mixed Packing Instructions for Packages	P001 IBC02
Special Packing Provisions for Packages	
Mixed Packing Instructions for Packages	MP15
Packing Instructions for Portable Tanks	T11
Special Provisions for Portable Tanks	TP2 TP27
Tank Code for Tanks	L4BN
Special Provisions for Tanks	
Vehicle for Tank Carriage	AT
ADR Transport Category	2
Tunnel Restriction Code	E
Special Provisions for Carriage - Packages	
Special Provisions for Carriage - Bulk	
Special Provisions for Carriage - Loading, Unloading and Handling	
Special Provisions for Carriage - Operation	
ADR HIN	80
IMDG	
IMDG Class	8
Special Provisions	274
Limited Quantities	1 L
Excepted Quantities	E2
Mixed Packing Instructions for Packages	P001 IBC02
Special Packing Provisions for Packages	
Packing Instructions for Portable Tanks	T11
Special Provisions for Portable Tanks	TP2 TP27
IMDG EMS	F-A, S-B
Stowage and Handling	Category B SW2
Segregation	
Marine Pollutant	
ICAO/IATA	
IATA Proper Shipping Name	CORROSIVE LIQUID, N.O.S.
Excepted Quantities	E2
Passenger and Cargo Aircraft Limited Quantities	Y840
Packing Instructions	
Passenger and Cargo Aircraft Limited Quantities	0.5L
Max net Qty	

Passenger and Cargo Aircraft Packing Instructions	851
Passenger and Cargo Aircraft Max net Qty	1L
Cargo Aircraft Packing Instructions	855
Cargo Aircraft Max net Qty	30L
Special Provisions	A3, A803
Emergency Response Guidebook (ERG) Code	8L
Labels	
Labels	8



#### 14.4 Packing group

Packing group II

#### 14.5 Environmental hazards

Environmental hazards Not classified as a Marine Pollutant.

#### 14.6 Special precautions for user

Special precautions for user Not known.

#### 14.7 Maritime transport in bulk according to IMO instruments

No information available

## SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern Not listed for Authorisation

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Alcohols, C12-13, branched and linear, ethoxylated (160901-19-9), didecyltrimethylammonium chloride (7173-51-5), Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1), trisodium nitrilotriacetate (5064-31-3)

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants Not listed

Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer Not listed

Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals

didecyldimethylammonium chloride (7173-51-5)

### National regulations

Other

Not known.

## 15.2 Chemical Safety Assessment

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)



GHS05



GHS07

GHS08: GHS: Health hazard

GHS09: GHS: Environment

Hazard classification

Acute Tox. 4 : Acute toxicity, Category 4

Acute Tox. 4 : Acute toxicity, Category 4

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

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

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

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

Carc. 2 : Carcinogenicity, Category 2

Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1

Aquatic Chronic 3 : Hazardous to the aquatic environment, Chronic, Category 3

Hazard Statement(s)

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H351: Suspected of causing cancer.

H400: Very toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

Precautionary Statement(s)

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash hands and exposed skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTRE/doctor.

P321: Specific treatment (see Medical Advice on this label).

P330: Rinse mouth.

P363: Wash contaminated clothing before reuse.

P405: Store locked up.

P501: Dispose of contents in accordance with local, state or national legislation.

#### Acronyms

ADN : European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR : European Agreement concerning the International Carriage of Dangerous Goods by Road

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

IATA : International Air Transport Association

IBC : Intermediate Bulk Container

ICAO : International Civil Aviation Organization

IMDG : International Maritime Dangerous Goods

LTEL : Long term exposure limit

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals

RID : Regulations concerning the International Carriage of Dangerous Goods by Rail

STEL : Short term exposure limit

STOT : Specific Target Organ Toxicity

UN : United Nations

vPvB : very Persistent and very Bioaccumulative

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

Regulation (EC) No. 1272/2008 (CLP)

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.

Issue 4:

Update in line with new Annex II requirements

Date of issue:

March 2022

Issued by:

Caryn Lopez  
Regulatory Officer

