

SAFETY DATA SHEET (According to 1907/2006/EC, Article 31)

Printing date 21.07.2020

Version No. 1

Revision: 21.07.2020

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

1.1 Product Identifier

Product name: **BIOZONE SC**
Product code: **PFCOFOL04P-001**

1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against
Identified uses: Cleaning agent. Surface cleaner

1.3 Details of the Supplier of the Safety Data Sheet:
D&S Ultra-Clean Ltd, Unit 6 Berkeley Court, Manor Park, Runcorn, Cheshire WA7 1TQ
Tel: +44 (0)1928580460 E-mail sales@ds-ultra.com www.ds-ultra.com

1.4 Emergency Telephone Number:
In an emergency call 999. For non-urgent medical assistance or advice call NHS 111 (24/7).

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture
Classification according to Regulation (EC) No 1272/2008:
The product is not classified, according to the CLP regulation.

2.2 Label Elements
Labelling according to Regulation (EC) No 1272/2008: Not classified as hazardous
Hazard pictograms: Not classified as hazardous
Signal word: Not classified as hazardous
Hazard statements: Not classified as hazardous

2.3 Other Hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Chemical characterisation: Mixtures
Description: Mixture.
Dangerous components: Not classified as hazardous
SVHC: No
Additional information: For the wording of the listed risk phrases, refer to section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures
After inhalation: Move person to fresh air. Consult a doctor in case of medical complaints.
After skin contact: Rinse well with water. Generally the product is not irritating to the skin.

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After eye contact: Rinse opened eye for several minutes under running water.

After ingestion: Seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed: No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed: No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture:

Formation of toxic gases is possible during heating or in case of fire. In case of fire, the following can be released: Carbon monoxide (CO). Under certain fire conditions, traces of other toxic gases cannot be excluded.

5.3 Advice for firefighters:

Protective equipment: Wear positive pressure, self-contained breathing apparatus.

Additional information Cool endangered receptacles with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Wear a respiratory protective device.

6.2 Environmental precautions: Dilute with plenty of water. Do not allow the product to enter sewers/surface water drains or ground water.

6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling: No special precautions are necessary if used correctly.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Protect from frost.

7.3 Specific end use(s): No further relevant information available.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see Section 7.

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any significant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The most current valid lists have been used as a basis for the production of this document.

8.2 Exposure controls:

Personal protective equipment:

General protective and hygienic measures: Wash hands before breaks and at the end of work.

Respiratory protection: Not required.

Protection of hands: Not required.

Eye protection: Goggles recommended during refilling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical State:	Liquid
Colour:	Light blue
Odour:	Characteristic
Odour Threshold:	Not determined.
pH:	9.0-9.7
Freezing Point:	0°C
Boiling Point:	100°C
Flash Point:	Not applicable
Flammability (solid, gas):	Not applicable
Ignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Auto-Ignition Temperature:	Not self-igniting
Explosive Properties:	Not an explosion risk
Lower Explosion Limit:	Not determined
Upper Explosion Limit:	Not determined
Vapour Pressure at 20°C:	23 hPa
Density at 20°C:	1.00-1.01 gm cm ⁻³
Relative Density:	Not determined
Vapour Density:	Not determined
Evaporation Rate:	Not determined
Solubility in Water:	Fully soluble
Miscibility with Water:	Fully miscible
Segregation Coefficient: (n octanol/water)	Not determined
Dynamic Viscosity:	Not determined
Kinematic Viscosity:	Not determined

9.2 Other information:

No further, relevant information available.

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: No further relevant information available.

10.2 Chemical stability:

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No dangerous reactions known.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

Polyalkyl ammonium salt

Oral LD50: 500 mg kg⁻¹ (ATE)

Primary irritant effect:

On the skin: Based on available data, the classification criteria are not met.

On the eyes: Based on available data, the classification criteria are not met.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability : No further relevant information available.

12.3 Bioaccumulative potential : No further relevant information available.

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12.4 Mobility in soil: No further relevant information available.

12.5 Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects : No further relevant information available.

Additional ecological information:

General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of diluted product to reach ground water, water courses or sewage systems.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Small quantities can be disposed of with household waste.

13.2 Uncleaned packaging: Disposal must be in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN-Number:

ADR, ADN, IMDG, IATA:

Not classified as hazardous for transport

14.2 UN Proper Shipping Name:

ADR, ADN, IMDG, IATA:

Not classified as hazardous for transport

14.3 Transport Hazard Class:

ADR, ADN, IMDG, IATA Class:

Not classified as hazardous for transport

14.4 Packing Group:

ADR, IMDG, IATA:

Not classified as hazardous for transport

14.5 Environmental Hazards:

Marine Pollutant:

No

14.6 Special Precautions for User:

Not applicable

14.7 Transport in Bulk According to

Annexe II of Marpol & the IBC Code: Not applicable

14.8 UN "Model Regulation":

Not classified as hazardous for transport

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SECTION 15: REGULATORY INFORMATION

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I: None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ADR:	Accord Européen sur le Transport des Marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
IATA:	International Air Transport Association
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
PBT:	Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern
vPvB:	very Persistent and very Bioaccumulative