

# SAFETY DATA SHEET

In accordance with 1907/2006 Annex II (2015/830) and 1272/2008  
(All references to EU regulations and directives are abbreviated into only the numeric term)  
Issued 2017-04-20  
Replaces issued SDS 2016-12-22  
Version number 5.0

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name BioCool SafeWater/Clean Water/TravelPack

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

Identified uses Cleaning/washing agents

### 1.3. Details of the supplier of the safety data sheet

Company BioCool AB  
Gymnasievägen 16,  
93157 SKELLEFTEÅ  
Sweden  
Contact person Jan-olof Eriksson  
Telephone +46 70-5831266  
E-mail janolof@biocool.se

### 1.4. Emergency telephone number

Acute cases: Call 112, request poison information.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Upon assessment, this mixture is not classified as hazardous according to 1272/2008

### 2.2. Label elements

Hazard pictogram Not applicable  
Signal word Not applicable  
Hazard statement Not applicable  
Precautionary statements  
P102 Keep out of reach of children  
P501 Dispose of contents and container to authorised waste disposal facility

### 2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
<b>SODIUM PERCARBONATE</b>		
CAS No: 15630-89-4 EC No: 239-707-6 REACH: 01-2119457268-30	Ox Sol 3, Skin Irrit 2, Eye Irrit 2, STOT SE 3 <i>resp</i> ; H272, H315, H319, H335	>20 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

Contents according to 648/2004.

>30% Oxygen-based bleaching agents.

## SECTION 4: First aid measures

#### **4.1. Description of first aid measures**

##### **Generally**

Never attempt to administer liquid, or anything else, to an unconscious person via the mouth.

In case of concern, or if symptoms persist, call a doctor/physician.

##### **Upon breathing in**

Allow the injured person to rest in a warm place with fresh air, if symptoms persist seek medical attention.

##### **Upon eye contact**

Rinse eyes with plenty of water. If symptoms persist, seek medical advice.

##### **Upon skin contact**

Remove clothes which have been splattered.

Wash the skin with soap and water.

If symptoms occur, contact a physician.

##### **Upon ingestion**

Rinse nose, mouth and throat with water.

Drink a couple of glasses of water immediately.

Contact a doctor.

#### **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**

Symptomatic treatment.

## **SECTION 5: Fire-fighting measures**

### **5.1. Extinguishing media**

#### **Recommended extinguishing agents**

Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

#### **Unsuitable extinguishing agents**

May not be extinguished with water dispersed under high pressure.

### **5.2. Special hazards arising from the substance or mixture**

In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed.

Avoid that water used for extinguishing fire reaches drains. Water used for extinguishing fire should be handled according to current regulations.

### **5.3. Advice for fire-fighters**

In case of fire use a respirator mask.

Cool closed containers that were exposed to fire with water.

Protective measures should be taken regarding other material at the site of the fire.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Ensure good ventilation.

Use recommended safety equipment, see section 8.

### **6.2. Environmental precautions**

Avoid discharge into soil, water or sewers.

### **6.3. Methods and material for containment and cleaning up**

Use a vacuum cleaner for discarding smaller chunks and dust.

Clean contaminated area with suitable detergent.

Wash of thoroughly with water.

### **6.4. Reference to other sections**

See section 8 and 13 for personal protection equipment and disposal considerations.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Store this product separately from food items and keep it out of the reach of children and pets.

Work in order to avoid spillage. If spillage does occur, address it immediately in accordance with the directions specified in Section 6 of this safety data sheet.

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

Store in a cool and dry place (above freezing temperature and not greater than 30°C).

Store tightly, in original packaging.

Must not be stored close to reducing agents.

### **7.3. Specific end uses**

Not relevant.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1. National limit values

All ingredients (cf. Section 3) lack occupational exposure limit values.

#### DNEL

No data available.

#### PNEC

No data available.

### 8.2. Exposure controls

In terms of minimizing risks, attention must be paid to the health hazards (see Sections 2, 3 and 10) of this product or any of its ingredients according to EU directives 89/391 and 98/24 and national occupational legislation.

#### Eye/face protection

Eye protection is not necessary during normal use.

#### Skin protection

It is generally not necessary to use protective gloves.

#### Respiratory protection

Respiratory protection is not normally required.

#### 8.2.3. Environmental exposure controls

For limitation of environmental exposure, see Section 12.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

a) Appearance	Form: Tablet. Colour: white.
b) Odour	scentless
c) Odour threshold	Not indicated
d) pH	Not applicable
e) Melting point/freezing point	Not indicated
f) Initial boiling point and boiling range	Not indicated
g) Flash point	Not indicated
h) Evaporation rate	Not indicated
i) Flammability (solid, gas)	Not applicable
j) Upper/lower flammability or explosive limits	Not indicated
k) Vapour pressure	Not indicated
l) Vapour density	Not indicated
m) Relative density	Not indicated
n) Solubility	Not indicated
o) Partition coefficient: n-octanol/water	Not applicable
p) Auto-ignition temperature	Not indicated
q) Decomposition temperature	Not indicated
r) Viscosity	Not indicated
s) Explosive properties	Not applicable
t) Oxidising properties	Not applicable

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

### 10.2. Chemical stability

The product is stable at normal storage and handling conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions known during normal use.

In contact with water the product decomposes into sodium carbonate and hydrogen peroxide. In contact with water toxic gases can be released.

### 10.4. Conditions to avoid

Protect from moisture.

### 10.5. Incompatible materials

Avoid contact with reducing agents.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

#### Acute toxicity

Not classified as an acutely toxic substance.

#### Skin corrosion/irritation

Not indicated.

#### Serious eye damage/irritation

Eye contact may cause burning pain or irritation.

#### Respiratory or skin sensitisation

No hypersensitive reactions have been reported for the substances in this mixture.

#### Germ cell mutagenicity

The criteria for classification cannot be considered fulfilled based on available data.

#### Carcinogenicity

The criteria for classification cannot be considered fulfilled based on available data.

#### Reproductive toxicity

Not indicated.

#### STOT-single exposure

To the best of our knowledge this product does not affect discernment if used in the manner intended.

#### STOT-repeated exposure

The criteria for classification cannot be considered fulfilled based on available data.

#### Aspiration hazard

Not indicated.

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not to be labelled as an environmental hazard. However, it is not inconceivable that large emissions, or repeated small emissions, can have a harmful effect on the environment.

### 12.2. Persistence and degradability

The product degrades in the natural environment.

### 12.3. Bioaccumulative potential

Neither this product, nor its contents, accumulates in nature.

### 12.4. Mobility in soil

The product is miscible with water and is therefore variable in soil and water.

### 12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6. Other adverse effects

Data lacking.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Waste handling of the product

Empty, rinsed packaging is sent for recycling where practicable.

Observe local regulations.

See also national waste regulations.

#### Classification according to 2006/12

Recommended LoW-code: 16 09 04 Oxidising substances, not otherwise specified

## SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

### 14.1. UN number

Not classified as dangerous goods

### 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 applicable

#### 14.6. Special precautions for user

Not applicable

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

#### 14.8 Other transport information

Not applicable

### SECTION 15: Regulatory information

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

Not indicated.

#### 15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

### SECTION 16: Other information

#### 16a. Indication of where changes have been made to the previous version of the safety data sheet

##### Revisions of this document

Earlier versions

2016-12-22 Revisions of this document has, where not otherwise stated, been caused by changes in the regulations

#### 16b. Legend to abbreviations and acronyms used in the safety data sheet

##### Full texts for Hazard Class and Category Code mentioned in section 3

Ox Sol 3	Oxidising solid substances (Category 3)
Skin Irrit 2	Skin Irritant (Category 2)
Eye Irrit 2	Irritates eyes (Category 2)
STOT SE 3resp	Specific target organ toxicity - single exposure; May cause respiratory irritation (Category 3 resp)

#### Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA The International Air Transport Association

#### 16c. Key literature references and sources for data

##### Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2017-04-20.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

##### Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006 Annex II (2015/830)	COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
1272/2008	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
648/2004	REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
89/391	COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work
98/24	COUNCIL DIRECTIVE 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC)
2006/12	DIRECTIVE 2006/12/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2006 on waste

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

**16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification**

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

**16e. List of relevant hazard statements and/or precautionary statements**

**Full texts for hazard statements mentioned in section 3**

H272 May intensify fire; oxidiser

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

**16f. Advice on any training appropriate for workers to ensure protection of human health and the environment**

**Warning for misuse**

This product can cause injuries if not used properly. The manufacturer, the distributor or the supplier are not responsible for adverse effects if the product is not handled in accordance with its intended use.

**Other relevant information**

**Editorial information**



This material safety data sheet has been prepared and checked by KemRisk®, KemRisk Sweden AB, Platensgatan 8, SE-582 20 Linköping, Sweden, [www.kemrisk.se](http://www.kemrisk.se)