

SAFETY DATA SHEET



OwnBio Cleaning Tablet

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 07.08.2024

1.1. Product identifier

Product name OwnBio Cleaning Tablet

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

Use of the substance / mixture	Only for cleaning use with purified water.
Main intended use	PC-CLN-OTH Other cleaning, care and maintenance products (excludes biocidal products)
Industrial use	Yes
Professional use	Yes
Consumer use	No

1.3. Details of the supplier of the safety data sheet

Company name	Green Berry Oy
Postal address	Kuskinkierros 7 A 1
Postcode	03100
City	Nummela
Country	Finland
Telephone number	+35844 525 6530
Email	timo.kaarlela@ownwell.fi
Website	www.ownwell.fi
Enterprise No.	2935242-1

1.4. Emergency telephone number

Emergency telephone	Telephone number: Countrywise telephone number. National poison information center / National helpdesk. Telephone number: 112
---------------------	---

Description: Emergency telephone number
Open 24 hours a day.

Telephone number: +358 800 147 111 or +358 9 471 977

Description: Poison Information Centre (in Finland), P.O. Box 790 (Tukholmankatu 17), 00029 HUS
Open 24 hours a day.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP classification, notes

In accordance with CLP/GHS regulation (EC) No 1272/2008, the product has not been classified as hazardous.

2.2. Label elements

Other label information (CLP)

No labeling. In accordance with current regulations, this product has not been classified as hazardous.

2.3. Other hazards

PBT / vPvB

For results of PBT and vPvB assessment, see point 12.5.

Other hazards

Endocrine disrupting properties: This product does not contain substances identified as having endocrine disrupting properties at a concentration $\geq 0.1\%$.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Sodium hydrogencarbonate	CAS No.: 144-55-8 EC No.: 205-633-8 REACH Reg. No.: 01-2119457606-32	CLP classification, notes: Not classified.	~ 50 %	
Class 1 micro-organisms		CLP classification, notes: Not classified.	~ 50 %	
Substance comments	This product does not contain any substances classified as hazardous to health or the environment.			

SECTION 4: First aid measures

4.1. Description of first aid measures

General

If the situation is unclear or symptoms persist, seek medical attention. Show this safety data sheet, product container or label to the doctor in attendance.

Inhalation

If inhaled, move exposed person to fresh air and keep at rest. Get medical attention if symptoms occur.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if skin irritation persists.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes, holding

	eyelids open. Remove contact lenses, if present and easy to do, and continue rinsing. Seek medical attention if eye irritation persists.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

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

Acute symptoms and effects	May irritate eyes.
Delayed symptoms and effects	None known.

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

Other information	No specific instructions. Treat symptomatically.
-------------------	--

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	This product is not flammable. Use an extinguishing agent suitable for the surrounding fire.
Improper extinguishing media	Do not use water jet as an extinguisher, as this may spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	No specific hazards. The product is non-combustible.
Hazardous combustion products	In the event of fire, toxic gases and vapors may be formed. Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Personal protective equipment	Wear appropriate protective equipment and self-contained breathing apparatus.
Other information	Contaminated extinguishing waters must be collected separately and not be released into drains or sewers .

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Evacuate the danger area.
Personal protection measures	Wear appropriate personal protective equipment. Avoid breathing dust. For personal protection, see section 8.

6.2. Environmental precautions

Environmental precautionary measures	The product is not classified as dangerous for the environment. Avoid release into drains, sewers, waterways or soil.
--------------------------------------	---

6.3. Methods and material for containment and cleaning up

Containment	Absorb spill with inert material (e.g. sand, diatomaceous earth, commercial absorbent) and collect in clearly labeled containers for disposal.
-------------	--

Clean up

Clean contaminated surface thoroughly.

6.4. Reference to other sections

Other instructions

Safe handling: see point 7.

Personal protective equipment: see point 8.

Waste disposal: see point 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling

Prevent spillages. Avoid contact with skin or eyes.

Protective safety measures

Advice on general occupational hygiene

Handle in accordance with good industrial hygiene and safety practices. Wash hands before breaks and at the end of workday. Wash contaminated clothes before reuse. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from moisture.

Conditions to avoid

For incompatible materials see point 10.5.

Conditions for safe storage

Storage temperature

Value: < 35 °C

Air humidity

Value: 30 - 70 %

7.3. Specific end use(s)

Specific use(s)

The use stated in section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Sodium hydrogencarbonate	CAS No.: 144-55-8	Limit value type: TWA Peak limitation value Peak limitation value: 10 mg/m ³ Comments: Inhalable dust	

DNEL / PNEC

Summary of risk management measures, human

DNEL/PNEC: Chemical safety assessment has not been performed for the product, no information available about ingredients.

8.2. Exposure controls

Precautionary measures to prevent exposure

Technical measures to prevent exposure

Ensure adequate ventilation. If general ventilation is not adequate to keep airborne concentrations under given occupational exposure limits, local exhaust ventilation must be used. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye / face protection

Suitable eye protection

Use tight-fitting safety goggles (EN 166).

Hand protection

Skin- / hand protection, long term contact

Use appropriate chemical-resistant, impervious gloves.

Suitable gloves type

Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Suitable materials

Nitrile rubber. Butyl rubber. Neoprene.

Skin protection

Suitable protective clothing

Wear appropriate protective clothing.

Respiratory protection

Respiratory protection necessary at

Normally not needed in well-ventilated areas.

Appropriate environmental exposure control

Environmental exposure controls

Prevent entry of undiluted material into drains, sewers, waterways or soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Compressed tablet.
Colour	Natural white
Odour	Odourless.
Odour limit	Comments: Not applicable.
pH	Status: In aqueous solution Value: 7.5
Melting point / melting range	Value: 270 °C
Freezing point	Comments: Not determined.
Boiling point / boiling range	Comments: Not determined.
Flash point	Comments: Not determined.
Evaporation rate	Comments: Not determined.

Flammability	Not flammable. Flammability (solids)
Lower explosion limit with unit of measurement	Comments: Not determined.
Upper explosion limit with units of measurement	Comments: Not determined.
Explosion limit	Comments: Not determined.
Vapour pressure	Comments: Not determined.
Vapour density	Comments: Not applicable.
Particle characteristics	Comments: Not determined.
Relative density	Comments: Not determined.
Solubility	Comments: Not determined.
Partition coefficient: n-octanol/water	Value: 2.21 - 2.23 g/cm ³ Temperature: 20 °C
Auto-ignition temperature	Comments: Not applicable.
Decomposition temperature	Value: > 270 °C Comments: Decomposition starting from >50 °C.
Viscosity	Comments: Not applicable.

9.2. Other information

Other physical and chemical properties

Physical and chemical properties None reported.

9.2.2. Other safety characteristics

Comments None reported.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Not reactive under normal use and storage conditions.

10.2. Chemical stability

Stability Chemically stable under normal storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No dangerous reactions under normal use and storage conditions.

10.4. Conditions to avoid

Conditions to avoid Protect from moisture.

10.5. Incompatible materials

Materials to avoid	Violent reactions possible with: alkali metals, acids Generates dangerous gases or fumes in contact with: ammonium compounds
--------------------	---

10.6. Hazardous decomposition products

Hazardous decomposition products	Harmful compounds may be evolved during fire. Carbon oxides (CO _x).
----------------------------------	---

SECTION 11: Toxicological information

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

Acute toxicity	Comments: There is no toxicological data available about the product as such. The product is not classified as acutely toxic. Data lacking.
----------------	---

Other information regarding health hazards

Assessment of skin corrosion / irritation, classification	The product is not classified as irritant or corrosive to skin. Data lacking.
Assessment of eye damage or irritation, classification	The product is not classified as damaging or irritating to eyes. However, may irritate eyes. Data lacking.
Sensitisation	The product is not classified as a respiratory or skin sensitiser. Data lacking.
Mutagenicity	The product is not classified as a mutagen. Data lacking.
Carcinogenicity, other information	The product is not classified as a carcinogen. Data lacking.
Reproductive toxicity	The product is not classified as toxic to reproduction. Data lacking.
Assessment of specific target organ toxicity - single exposure, classification	The product is not classified as toxic to specific target organs at a single exposure. Data lacking.
Assessment of specific target organ toxicity - repeated exposure, classification	The product is not classified as toxic to specific target organs at repeated exposure. Data lacking.
Assessment of aspiration hazard, classification	The product is not classified as an aspiration hazard. Data lacking.

Symptoms of exposure

In case of eye contact	May irritate eyes.
------------------------	--------------------

11.2 Other information

Endocrine disruption	This product does not contain substances identified as having endocrine disrupting properties at a concentration $\geq 0.1\%$.
Other information	The product is formulated using a blend of naturally occurring, Class 1, micro-organisms which are known to be non-pathogenic to humans, animals or plants. These micro-organisms have not been genetically modified in any way.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Sodium hydrogencarbonate
-----------	--------------------------

Aquatic toxicity, fish	Value: 7100 mg/l
	Effect dose concentration: LC50
	Test duration: 96 hour(s)
	Species: Lepomis macrochirus
	Value: 5200 mg/l
	Effect dose concentration: NOEC
	Test duration: 96 hour(s)
	Species: Lepomis macrochirus

Substance Sodium hydrogencarbonate

Aquatic toxicity, crustacean	Value: 4100 mg/l
	Effect dose concentration: EC50
	Test duration: 48 hour(s)
	Species: Daphnia magna
	Value: > 576 mg/l
	Effect dose concentration: NOEC
	Test duration: 21 day(s)
	Species: Daphnia magna

Ecotoxicity There is no ecotoxicological data available about the product as such. The product is not classified as hazardous to the environment. Data lacking. Prevent entry into drains, sewers, waterways or soil.

12.2. Persistence and degradability

Persistence and degradability description/evaluation No data recorded.

12.3. Bioaccumulative potential

Bioaccumulation, evaluation No data recorded.

12.4. Mobility in soil

Mobility No data recorded.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain substances considered to be either PBT or vPvB at a concentration $\geq 0.1\%$.

12.6. Endocrine disrupting properties

Endocrine disrupting properties This product does not contain substances identified as having endocrine disrupting properties at a concentration $\geq 0.1\%$.

12.7. Other adverse effects

Additional ecological information None reported.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Prevent entry into sewers, waterways and soil.
EWC waste code	Classified as hazardous waste: No
Other information	Dispose of in compliance with local and national regulations.

SECTION 14: Transport information

Dangerous goods No

14.1. UN number

Comments The product is not classified for transportation.

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

IMDG Marine pollutant	No.
Comments	The product is not classified as hazardous to the environment.

14.6. Special precautions for user

Special safety precautions for user No special safety precautions.

14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no) No

SECTION 15: Regulatory information

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

Legislation and regulations	All the bacteria in this preparation belong to Group 1 as defined in Council Directive 90/679/EEC as amended by Council Directive 93/88/EEC and by Council Directive 2000/54/EC.
-----------------------------	--

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

Training advice	Read safety data sheet.
Key literature references and sources for data	SDS by product manufacturer (24.1.2023)
Abbreviations and acronyms used	DNEL: Derived No-Effect Level

EC50: Effective concentration: concentration which kills or immobilises 50 % of exposed organisms
LC50: Lethal concentration 50 % (median lethal concentration): concentration which kills 50 % of exposed organisms
NOEC: No Observed Effect Concentration: concentration at which no effects are observed
PNEC: Predicted No-Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic substance.
TWA: Time-weighted average
vPvB: very Persistent and very Bioaccumulative substance

Version

1

Prepared by

Sweco Finland Oy

Comments

The information of this safety data sheet is based on existing public information sources, such as current legislation, available at the time of publication of the completed safety data sheet, and information on the Customer's products that has been provided by the Customer to Sweco. The Customer is responsible that the information provided to Sweco is accurate and up to date.