

SAFETY DATA SHEET

**SOFTCARE COFFEE MACHINE
DETERGENT 300 ml**

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 11.11.2022

1.1. Product identifier

Product name SOFTCARE COFFEE MACHINE DETERGENT 300 ml
UFI W831-D0W5-X00T-S2QT
GTIN No. 6416977715955

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

Use of the substance / mixture Washing agent.
Main intended use PC-CLN-10.2 Cleaners for kitchen machinery and equipment
Industrial use Yes
Professional use Yes
Consumer use Yes

1.3. Details of the supplier of the safety data sheet

Company name Oy Soft Protector Ltd
Postal address PL 100
Postcode FI-02761
City Espoo
Country Finland
Telephone number +358 9 887 0430
Email info@softcare.fi
Website www.softcare.fi
Enterprise No. 0834157-1

1.4. Emergency telephone number

Emergency telephone 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.

Telephone number: 112

Description: Emergency telephone number (in Finland)

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: No endocrine disrupting properties known.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance comments

The product does not contain ingredients classified as hazardous to health or the environment at concentrations exceeding the concentration limits for listing such ingredients. The product contains small amounts of ethanol (CAS 64-17-5), potassium hydroxide (CAS 1310-58-3) and sodium carbonate (CAS 497-19-8).

SECTION 4: First aid measures

4.1. Description of first aid measures

General

If medical advice is needed, have product container or label at hand. If the situation is unclear or symptoms persist, seek medical attention.

Inhalation

Fresh air and rest. If symptoms occur, move exposed person to fresh air. Get medical attention if symptoms persist or are severe.

Skin contact

Rinse skin with water/shower. If skin irritation or other symptoms occur, seek medical attention.

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. Contact physician if irritation persists.

Ingestion

Do NOT induce vomiting. Rinse the mouth and give 1-2 glasses of water to drink. Contact a doctor. If medical advice is needed, have product container or label at hand. Never give anything by mouth to an unconscious person.

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

Acute symptoms and effects None known.

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 Dry chemical, carbon dioxide or foam.

Improper extinguishing media Water is not recommended for extinguishing.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards No specific hazards.

Hazardous combustion products In the event of fire, health hazardous and toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Personal protective equipment Wear appropriate protective equipment and self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures Remove all ignition and heat sources. Stop leak if safe to do so. Ensure adequate ventilation. Keep unnecessary and unprotected people from entering.

Personal protection measures Do not smoke or use open fire, or other sources of ignition. Wear appropriate personal protective equipment.

6.2. Environmental precautions

Environmental precautionary measures Avoid release into drains, sewers, waterways or soil.

6.3. Methods and material for containment and cleaning up

Clean up Absorb spill with inert material (e.g. sand, diatomaceous earth, commercial absorbent) and collect in clearly labeled containers for disposal. Ensure adequate ventilation. Do not absorb in sawdust or other combustible materials.

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	Avoid contact with skin, eyes, and clothing. Avoid breathing vapours or mist. Ensure adequate ventilation. Static electricity and formation of sparks must be prevented.
----------	--

Protective safety measures

Safety measures to prevent fire	Take precautionary measures (e.g. earthing) against static discharges and sparks.
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. 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 away from food, drink and animal feedstuffs. Keep out of reach of children. Keep containers tightly closed and upright to prevent leakage.
Conditions to avoid	Protect from heat and direct sunlight. Protect from freezing. For incompatible materials see point 10.5.

Conditions for safe storage

Technical measures and storage conditions	Store in a cool, dry, well-ventilated area. Store protected from direct sunlight. Protect from freezing. Store locked up.
Requirements for storage rooms and vessels	Keep only in original container. Keep containers tightly closed and upright to prevent leakage. Use appropriate containment to avoid environmental contamination. Store in area suitable for the storage of flammable substances.
Storage temperature	Value: 5 - 35 °C

7.3. Specific end use(s)

Specific use(s)	None reported.
-----------------	----------------

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Potassium hydroxide	CAS No.: 1310-58-3	Limit value (short term) Value: 2 mg/m ³	
Ethanol	CAS No.: 64-17-5	Country of origin: United Kingdom Limit value (8 h) : 1000 ppm Limit value (8 h) : 1920 mg/m ³	

DNEL / PNEC

Substance	Sodium carbonate
DNEL	<p>Group: Professional Route of exposure: Long-term inhalation (local) Value: 10 mg/m³</p> <p>Group: Consumer Route of exposure: Acute inhalation (local) Value: 10 mg/m³</p>

8.2. Exposure controls

Precautionary measures to prevent exposure

Technical measures to prevent exposure	Ensure adequate ventilation. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Ensure that eye wash facilities and emergency shower are located near work station.
--	--

Eye / face protection

Suitable eye protection	Wear tight-fitting goggles or face shield. EN 166. EN 172. ISO 4007.
Eye protection, comments	Safety goggles should be cleaned daily and disinfected regularly in accordance with the manufacturer's instructions.

Hand protection

Suitable gloves type	Use appropriate chemical-resistant, impervious gloves. EN 374. EN 420.
Hand protection, comments	Immediately replace protective gloves that have any signs of wear.

Skin protection

Suitable protective clothing	Wear appropriate chemical-resistant, impervious protective clothing and footwear. ISO 13688. ISO 20342. ISO 20344.
------------------------------	--

Respiratory protection

Respiratory protection necessary at	In case of inadequate ventilation use suitable respirator. If it is not possible to reduce exposure levels to below exposure limit values by ventilation, use appropriate respirator.
Additional respiratory protection measures	All handling to take place in well-ventilated area.

Appropriate environmental exposure control

Environmental exposure controls	Prevent entry into drains, sewers, waterways or soil.
---------------------------------	---

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Fluid.
Colour	Cream.

Odour	Characteristic.
Odour limit	Comments: Not determined.
pH	Value: 9,8 -10,4
Melting point / melting range	Comments: Not determined.
Boiling point / boiling range	Value: 96 °C
Flash point	Value: 87 °C
Evaporation rate	Comments: Not determined.
Flammability	Unknown.
Explosion limit	Comments: Not determined.
Vapour pressure	Value: 2589 Pa Temperature: 20 °C Value: 13424 Pa Temperature: 50 °C
Vapour density	Comments: Not determined.
Particle characteristics	Comments: Not relevant.
Relative density	Value: 1 Temperature: 20 °C
Density	Value: 978 kg/m ³ Temperature: 20 °C
Solubility	Comments: Not determined.
Auto-ignition temperature	Value: 423 °C
Viscosity	Value: 2,06 cP Temperature: 20 °C Type: Dynamic Value: 2,1 cSt Temperature: 20 °C Type: Kinematic

9.2. Other information

Physical hazards

Explosives	Classification: Not classified as explosive.
Oxidising liquids	Classification: Not classified as oxidising.

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 None known.

10.5. Incompatible materials

Materials to avoid No known incompatible materials.

10.6. Hazardous decomposition products

Hazardous decomposition products Decomposition does not occur with the use specified in the instructions. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

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

Substance	Sodium carbonate
Acute toxicity	Effect tested: LD50 Route of exposure: Oral Value: 4090 mg/kg Animal test species: Rat
Other toxicological data	The product is not classified as acutely toxic. There is no toxicological data available about the product as such.

Other information regarding health hazards

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

Assessment of aspiration hazard, classification The product is not classified as an aspiration hazard.

11.2 Other information

Endocrine disruption There is no toxicological data available about the product as such.

Other information None reported.

SECTION 12: Ecological information

12.1. Toxicity

Substance Sodium carbonate

Aquatic toxicity, fish **Toxicity type:** Acute
Value: 740 mg/l
Effect dose concentration: LC50
Test duration: 96h
Species: Gambusia affinis

Substance Sodium carbonate

Aquatic toxicity, crustacean **Toxicity type:** Acute
Value: 265 mg/l
Effect dose concentration: EC50
Test duration: 48h
Species: Daphnia magna

Ecotoxicity There is no ecotoxicological data available about the product as such. Avoid release to the environment. The product is not classified as hazardous to the environment.

12.2. Persistence and degradability

Persistence and degradability description/evaluation No data recorded.

12.3. Bioaccumulative potential

Bioaccumulation, evaluation No data available.

12.4. Mobility in soil

Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not classified as PBT/vPvB by current EU criteria.

12.6. Endocrine disrupting properties

Endocrine disrupting properties There is no toxicological data available about the product as such. Ingredients: no endocrine disrupting properties reported.

12.7. Other adverse effects

Additional ecological information No information.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate methods of disposal for the chemical	Prevent entry into sewers, waterways and soil.
Appropriate methods of disposal for the contaminated packaging	Dispose of empty containers to an approved waste disposal facility for recycling or disposal.
EWC waste code	EWC waste code: 200129 detergents containing dangerous substances Classified as hazardous waste: Yes
Other information	Dispose of in compliance with local and national regulations.

SECTION 14: Transport information

Dangerous goods No

14.1. UN number

Comments Not classified as hazardous for transport [ADR (road), RID (rail), ADN (inland waterways) and IMDG (sea)].

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

14.7. Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Legislation and regulations No specific regulations.

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage.
Training advice	Read safety data sheet. Familiarize yourself with the user manual.
Key literature references and sources for data	Product specifications by manufacturer EH40/2005 Workplace exposure limits (4th ed, 2020)
Abbreviations and acronyms used	DNEL: Derived No-Effect Level EC50: Effective concentration: concentration which kills or immobilises 50 % of exposed organisms HTP: Concentrations known to be Hazardous. LC50: Lethal concentration 50 % (median lethal concentration): concentration which kills 50 % of exposed organisms LD50: Lethal dose 50 % (median lethal dose): dose which kills 50 % of exposed organisms PNEC: Predicted No-Effect Concentration
Version	1
Prepared by	Sweco Industry 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.