

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Caffenu cleaning agent

Version 1.0

Issue date: 10/11/2017

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SDS Record Number: CSSS-TCO-010-121614

Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: Caffenu Mio cleaning capsules
Additional identification: Not available
Identification of the product: See section 3
Index Number: Not available
REACH registration No.: Not available

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Detergent for use in the food industry for the removal of coffee Residues and oils

1.2.2 Uses advised against:

Not available

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative): Carolyn Danvers
Supplier(Manufacturer): LASERCHEMICALS
Address: 8BOLTAVE, MONTAGUE GARDENS.7441
Contact person(E-mail): Rowan Isaacman
Telephone: +2721-5517690
Fax: +2721-5517694

1.4 Emergency telephone Number:

+27832645655

Available outside office hours?

YES

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NO

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Section 2 Hazards Identification

2.1 Classification of the substance/mixture:

2.1.1 Classification:

The mixture is classified as following according to REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
Eye Irrit. 2	H319

For full text of H- phrases: see section 2.2.

2.2 label elements:

Hazard Pictograms:



Signal Word(S):

Warning

Hazard Statement:

H319: Causes serious eye irritation.

Precautionary statement:

P102: Keep out of reach of children

P264: Wash hands thoroughly after handling.

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

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313: If eye irritation persists: Get medical advice/attention.

2.3 Other hazards:

Not available.

Section 3 Composition/information on ingredients**Substance/Mixture:**

Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	classifications
Sodium carbonate	01-2119485498-19-0003	497-19-8	207-838-8	>70%	H319
Sodium Percarbonate	01-2119457268-30-0000	15630-89-4	239-707-6	<25%	H272 H302 H318
Disodium laureth sulfosuccinate	N/A	39354-45-5	N/A	<5%	H319 H315

Section 4 First aid measures**4.1 Description of first aid measures:**

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

If respiratory irritation occurs, remove individual to fresh air.

4.1.2 In case of skin contact:

Repeated or prolonged skin contact may cause irritation. After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.

4.1.3 In case of eyes contact:

In case of eye contact, immediately rinse with clean water for 10-15 minutes. Obtain medical attention if irritation persists.

4.1.4 In case of ingestion:

Nausea. Rinse mouth. Get medical advice/attention.

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

Causes serious eye irritation.

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

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Fire-Fighting measures**5.1 Extinguishing media:****Suitable extinguishing media:**

All extinguishing media can be used.

Unsuitable extinguishing media:

Not available.

5.2 Special hazards arising from the substance or mixture

No specific fire or explosion hazard.

5.3 Advice for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained

breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Avoid contact with skin, eyes and clothes. Refer to section 8 of SDS for personal protection details.

6.1.2 For emergency responders: Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

6.2 Environmental Precautions: Do not allow material to be released to the environment without proper governmental permits.

6.3 Methods for Containment and Cleaning up: Take up mechanically. Comply with local regulations for disposal.

6.4 Reference to other sections: See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

Section 7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures: When using do not eat or drink. Wash hands before breaks and after work. Handle in accordance with good industrial hygiene and safety procedures.

7.1.2 Advice on general occupational hygiene: Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities: Protect against: frost. Protect against direct sunlight. Keep container tightly closed and in a well-ventilated place.

7.3 Specific end use(s): Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: Not available.
8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses, protective goggles.

Hand protection: Wear protective gloves.

Body protection: Wear protective clothing.

Respiratory protection: Wear respirator.

Thermal hazards: Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls: Avoid discharge into the environment.

According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Powder
Colour:	White
Odour:	Light Characteristic
Odour threshold:	not determined
pH- Value 1g/100ml (1%):	11
Melting point/range (°C):	851 °C(Decomposition)(CAS#497-19-8)
Boiling point/range (°C):	Not available
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (38°C):	Not available
Vapour density:	Not available
Density mixture:	820g / L
Bulk density (kg/m³):	820kg
Water solubility:	soluble
n-Octanol/Water (log Po/w):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	> 400 °C(CAS#497-19-8)
Viscosity, dynamic (mPa.s):	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

9.2. Other information:

Fat solubility(solvent– oil to be specified) Not available

etc:

Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available
Specific gravity:	Not available

Section 10 Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials.
10.5 Incompatible materials:	None in particular.
10.6 Hazardous decomposition products:	Not available.

Section 11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Sodium carbonate(CAS#497-19-8)**LD50(Oral, Rat):** 2 800 mg/kg bw

LD50(Dermal, Rabbit): > 2 000 mg/kg bw

LC50(Inhalation, Rat): 2 300 mg/m³ air 2h(male)

Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

Section 12 Ecological information

12.1 Toxicity:

Sodium carbonate(CAS#497-19-8)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	300 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	200 - 227 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

12.2 Persistence and degradability:	Disodium laureth sulfosuccinate (39354-45-5): This surfactant complies with the biodegradability criteria as laid down in Regulation (EC)No.648/2004 on detergents. Biodegradation 79 % OECD 301 D
12.3 Bioaccumulative potential:	Not available.
12.4 Mobility in soil:	Not available.
12.5 Results of PBT&vPvB assessment:	Not applicable
12.6 Other adverse effects:	Not available.

Section 13 Disposal considerations

13.1 Waste treatment methods: Recommendations – Smaller quantities can be disposed of with household waste· *European waste catalogue*20 01 29* *detergents containing dangerous substances*· **Recommendation:** Disposal must be made according to official regulations for larger quantities**Section 14 Transport information**

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated
Packaging group	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to	Not regulated	Not regulated	Not regulated
Annex II of Marpol and the IBC Code			

Section 15 Regulation information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Relevant information regarding authorization:

Not applicable.

Relevant information regarding restriction:

Not applicable.

Other EU regulations:

Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

Other National regulations:

Not applicable

15.2 Chemical Safety Assessment has been carried out?

YES

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NO

X

Section 16 Other information**16.1 Indication of changes:**

Version 1.0 Amended by (EU) 2015/830

16.2 Training instructions:

Not applicable.

16.3 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.4 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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