

Safety Data Sheet
According to Regulation (EC) No 1907/2006

CAFFENU

Version 1.0

Issue date: 23/06/2016

Revision date: 23/06/2016

SDS Record Number: CSSS-TCO-010-120191

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

1.1 Product identifier:

Identification on the label/Trade name: CAFFENU
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 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): -
Supplier(Manufacturer): LASERCHEMICALS
Address: 8BOLTAVE, MONTAGUE GARDENS.7441
Contact person(E-mail): -
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 statement
Acute Tox. 4	H302
Skin Corr. 1B	H314
Eye Dam. 1	H318

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

2.2 label elements:

Hazard Pictograms:**Signal Word(S):**

Danger

Hazard Statement:

H302: Harmful if swallowed

H314: Causes severe skin burns and eye damage
H318: Causes serious eye damage**Precautionary statement:**

P260: Do not breathe dust/fume/ gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

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

P301 + P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor. P330: Rinse mouth.

P363: Wash contaminated clothing before reuse. P405: Store locked up.

P501: Dispose of contents/container in accordance with local regulation.

2.3 Other hazards:

Not applicable.

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

Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	Classification
Sodium carbonate	N/A	497-19-8	207-838-8	>50%	H319
Sodium Percarbonate	N/A	15630-89-4	239-707-6	<25%	H272 H302 H318
Dodecyl benzene Sulfonic Acid	N/A	27176-87-0	248-289-4	<10%	H302 H314

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:

Remove patients to fresh air. Seek medical attention.

4.1.2 In case of skin contact:

Remove contaminated clothing and launder clothing before re-use. Wash contact areas well with soap and water.

4.1.3 In case of eyes contact:

Flush eyes with water for at least 15mins. Irrigate eyes thoroughly while lifting eyelids and rolling eye balls. Seek medical attention, if irritation persists.

4.1.4 In case of ingestion:

Do not induce vomiting. Rinse mouth with water, and allow patient 1 or 2 glasses of water. Obtain medical attention immediately.

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

Harmful if swallowed. Causes severe skin burns and eye damage.

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

If aspirated into lungs, product may result in chemical pneumonitis. Treat appropriately.

Section 5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media: Not available

5.2 Special hazards arising from the substance or mixture

Oxygen release on exothermic decomposition may support combustion in case of surrounding fire. Pressure burst may occur due to decomposition in confined spaces/containers. Wet product decomposes exothermally and may cause combustion of organic materials. Product could give off toxic fumes.

5.3 Advice for firefighters:

Mouth respiratory protective device. Wear fully protective suit.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Avoid prolonged skin contact and use. Avoid materials, such as acids, bases, salt of heavy metals, reducing agents, organic materials, flammable substances & products that are incompatible with product. Wear protective gloves, eye protection, and face protection if working directly in contact with large volumes of product.

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

6.2 Environmental Precautions:

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

6.3 Methods for Containment and Cleaning up:

Small spills: remove excess with absorbent material and dispose of in accordance with current regulations.

Large spills: notify authorities. Prevent discharge into sewers and water sources, as this product can be harmful to aquatic environment.

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:	Avoid prolonged repeated skin contact; wear PVC, neoprene or rubber gloves; dustproof goggles; well ventilated area; wash hands thoroughly after prolonged handling of neat powder.
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:	Store in a cool dry area. Keep containers sealed. Store away from heat sources, direct sun light & humidity; keep out of reach of children.
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:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
8.2.2 Individual protection measures, such as personal protective equipment:	
Eye/face protection:	Wear dust proof goggles.
Hand protection:	If prolonged or frequent contact is expected, use PVC, neoprene or rubber gloves.
Body protection:	Wear normal working clothing.
Respiratory protection:	Suitable respiratory protective device recommended.
Thermal hazards:	Wear suitable protective clothing to prevent heat.
8.2.3 Environmental exposure controls:	Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Granular, free-flowing powder
Colour:	White
Odour:	Odorless
Odour threshold:	Not available
pH:	10.30–11.30(1% solution)
Melting point/range (°C):	Not available
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 (20°C):	Not available
Vapour density:	Not available

Relative Density:	820g / 1 Ltr
Bulk density (kg/m³):	Not available
Water solubility (g/l):	Readily soluble in hot water
n-Octanol/Water (log Po/w):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s):	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not applicable
Molecular Weight:	Not applicable

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. Direct heat.
10.5 Incompatible materials:	Strong acids, alkalis.
10.6 Hazardous decomposition products:	No dangerous decomposition products known.

Section 11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Sodium carbonate(CAS#497-19-8)

LD50(Oral, Rat): 2800 mg/kg bw

LD50(Dermal, Rabbit): > 2000 mg/kg bw

LC50(Inhalation, Rat): Not available

Skin corrosion/Irritation: Causes severe skin burns and eye damage

Serious eye damage/irritation: Causes serious eye damage

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: Not available.

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: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Section 14 Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	1759	1759	1759
UN Proper shipping name	CORROSIVE SOLID, N.O.S. (Dodecyl benzene Sulfonic Acid)	CORROSIVE SOLID, N.O.S. (Dodecyl benzene Sulfonic Acid)	CORROSIVE SOLID, N.O.S. (Dodecyl benzene Sulfonic Acid)
Transport hazard Class	8	8	8
Packaging group	III	III	III
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 Annex II of Marpol and the IBC Code	IBC08	IBC08	IBC08

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

YES

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NO

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Product name: CAFFENU

Version #: 1.0 Issue` date: 23-06-2016.

Revision date: 23-06-2016.

SDS EU
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carried out?

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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.