

SAFETY DATA SHEET
Melk systeem reiniger

Issue Date: 21 January 2020
Last revised date: 21 February 2020

Vers.: 1.0 (English)

SDS No.: 10021488
page 1/7

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

1.1 Product identifier

Product name Melk systeem reiniger

Trade name Melk systeem reiniger

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

Identified uses: Cleaning agent

Uses advised against: none

1.3 Details of the supplier of the safety data sheet

Supplier

Arcerion GmbH
Gabrielenstr. 15
80636 München
Germany

Telephone: +49.3222.1097481

Email: info@caffenu.com

1.4 Emergency telephone number: +49.3222.1097481

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended

Physical Hazards	none
Health Hazards	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Environmental Hazards	none

2.2 Label Elements



Signal Word Warning

Hazard Statement(s) H315: Causes skin irritation.
H319: Causes serious eye irritation.

SAFETY DATA SHEET

Melk system reiniger

Issue Date: 21 January 2020
Last revised date: 21 February 2020

Vers.: 1.0 (English)

SDS No.: 10021488
page 2/7

Precautionary Statements

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.
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P332 + P313: If skin irritation occurs: Get medical advice/attention.

Supplemental label information

Contains Less than 5 % cationic surfactants and less than 5 % non-ionic surfactants.

2.3 Other hazards

No further information available

SECTION 3: Composition/information on ingredients

3.2 Mixture

Components

Chemical Name	Chemical Formula	Concentration	CAS No	EC No	REACH Registration No
Sodium carbonate	Na ₂ CO ₃	<5 %	497-198-2	207-838-5	01-2119485498-19-0003
Alcohols ethoxylated	n/a	<1 %	68603-25-8	n/a	n/a
Potassium hydroxide	KOH	<2 %	1310-58-3	215-181-3	n/a

The concentration of the components are in weight-% (m/m).

Classification according to Regulation (EC) No 1272/2008 as amended

Chemical Name	Classification	Notes
Sodium carbonate	Eye Irrit. 2, H319	-
Alcohols ethoxylated	Eye Dam. 1, H318	-
Potassium hydroxide	Acute Tox. 4, H302; Skin corr. 1A, H314	-

This substance has a workplace exposure limit.

PBT: persistent, bioaccumulative and toxic substance; vPvB: very persistent and very bioaccumulative

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General

4.1 Description of first aid measures

General:

Take off contaminated clothing.

SAFETY DATA SHEET
Melk systeem reiniger

Issue Date: 21 January 2020
Last revised date: 21 February 2020

Vers.: 1.0 (English)

SDS No.: 10021488
page 3/7

Inhalation:	Remove to fresh air. Get medical attention if symptoms occur.
Eye contact:	Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur. If easy to do, remove contact lens, if worn
Skin Contact:	Wash off with soap and water. Get medical attention if symptoms occur
Ingestion:	Rinse mouth with water (only if person is conscious). Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

No relevant information available

4.3 Indication of any immediate medical attention and special treatment needed

No relevant information available

SECTION 5: Firefighting measures

General Coordinate fire-fighting measures to the fire surroundings.

5.1 Extinguishing media water spray, foam, dry power, carbon dioxide

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: carbon monoxide (CO), carbon dioxide (CO₂), nitrogen oxides (NO_x)

5.3 Advice for firefighters

Protective clothing against liquid and gaseous chemicals, including liquid aerosols and solid particles. Self-contained breathing apparatus (SCBA). Self-contained breathing apparatus (EN 133).

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with the eyes and skin.

6.2 Environmental precautions

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material. Wash residues with water. Clean surface thoroughly to remove residual contamination.

SAFETY DATA SHEET
Melk systeem reiniger

Issue Date: 21 January 2020
Last revised date: 21 February 2020

Vers.: 1.0 (English)

SDS No.: 10021488
page 4/7

6.4 Reference to other sections Refer to sections 5 and 13 of the SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling none

7.2 Conditions for safe storage, including any incompatibilities
none

7.3 Specific end use(s) Refer to section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters
Occupational Exposure Limits none

8.2 Exposure controls
Appropriate engineering controls none

Individual protection measures, such as personal protective equipment

Eye/face protection none

Skin protection

Hand protection none

Body protection none

Other none

Respiratory protection none

Thermal hazards none

Hygiene measures General hygiene practice

Environmental exposure controls For waste disposal, see section 13 of the SDS.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state liquid

Color colorless

Odor no data available

Odor Threshold no data available

pH 11.5 (1 % aq. solution)

SAFETY DATA SHEET
Melk systeem reiniger

Issue Date: 21 January 2020
Last revised date: 21 February 2020

Vers.: 1.0 (English)

SDS No.: 10021488
page 5/7

Melting point	no data available
Boiling point	no data available
Sublimation point	no data available
Critical temp.	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Flammability limit – upper	no data available
Flammability limit – lower	no data available
Vapor pressure	no data available
Vapor density (air=1)	no data available
Density	1.05 g/cm ³
Solubility(ies)	
Solubility in water	soluble in water
Partition coefficient	
(n-octanol/water)	no data available
Autoignition temperature	no data available
Decomposition temperature	no data available
Viscosity	
Kinematic viscosity	no data available
Dynamic viscosity	no data available
Explosive properties	not explosive
Oxidizing properties	not oxidizing

9.2 Other information

Molecular weight	no data available
-------------------------	-------------------

SECTION 10: Stability and reactivity

10.1 Reactivity	stable under normal conditions
10.2 Chemical stability	stable
10.3 Possibility of hazardous reactions	none anticipated
10.4 Conditions to avoid	no data available
10.5 Incompatible materials	no data available
10.6 Hazardous decomposition	
Products	no data available

SECTION 11: Toxicological information

General information

11.1 Information on toxicological effects

Acute toxicity	LD50>2,000 mg/kg bw
Skin corrosion/irritation	irritating
Serious eye damage/eye irritation	irritating
Respiratory or skin sensitization	no data available
Germ cell mutagenicity	no data available

SAFETY DATA SHEET
Melk systeem reiniger

Issue Date: 21 January 2020
Last revised date: 21 February 2020

Vers.: 1.0 (English)

SDS No.: 10021488
page 6/7

Carcinogenicity	no data available
Reproductive toxicity	no data available
Specific target organ toxicity – single exposure	no data available
Specific target organ toxicity – repeated exposure	no data available
Aspiration hazard	no data available

SECTION 12: Ecological information

12.1 Toxicity	no data available
12.2 Persistence and degradability	no data available
12.3 Bioaccumulative potential	no data available
12.4 Mobility in soil	no data available
12.5 Results of PBT and vPvB assessment	None of the substances of the mixture is PBT/vPvB
12.6 Other adverse effects	no data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods	
General information	no relevant information available
Disposal methods	Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions.
European Waste Codes	none

SECTION 14: Transport information

14.1 UN Number	
ADR/RID	-
IMDG	-
IATA	-
14.2 UN Proper Shipping Name	
ADR/RID	not dangerous goods
IMDG	not dangerous goods
IATA	not dangerous goods
14.3 Transport Hazard Class(es)	
ADR/RID	-
IMDG	-
IATA	-

SAFETY DATA SHEET
Melk systeem reiniger

Issue Date: 21 January 2020
Last revised date: 21 February 2020

Vers.: 1.0 (English)

SDS No.: 10021488
page 7/7

14.4 Packing Group

ADR/RID	-
IMDG	-
IATA	-

14.5 Environmental Hazards

ADR/RID	no
IMDG	Marine pollutant: no
IATA	no

14.6 Special Precautions for user

none

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

Product is not intended to be carried in bulk.

SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

SECTION 16: Other information

Wording of the H-statements in section 3

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.

Revision information: none

Further information: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.