

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

1.1 Product identifier:

UAC 10000 - SUPER CMF 240

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

alkaline cleaner

Concentration in use: 1 - 50 % in water

1.3 Details of the supplier of the safety data sheet:

CHRISAL NV

Priester Daensstraat 9

3920 Lommel

Tel:011.54.80.00 - Fax:011.54.80.02

E-mail:info@chrisal.be - Website:www.chrisal.be

1.4 Emergency telephone number:

Local: 070.245.245

Worldwide: XX32.70.245.245

2 Hazards identification:

2.1 Classification of the substance or mixture:

Irritant

R36

2.2 Label elements:

Symbols:



Irritant

R-Phrases

R36

Irritating to eyes.

Safety phrases

S2

Keep out of reach of children.

S46

If swallowed, seek medical advice immediately and show this container or label.

Contains:

Sodiummetasilicate

2.3 Other hazards:

none

3 Composition/information on ingredients:

Fattyalcohol C 9-11, ethoxylated	2,5 - 10 %	CAS N° EINECS Registration no. CLP Classification R-Phrases	68439-46-3 38 - 41
2-(2-butoxyethoxy)ethanol	2,5 - 10 %	CAS N° EINECS Registration no. CLP Classification R-Phrases	112-34-5 203-961-6 01-2119475104-44 Eye Irrit. 2 H319 36
Quaternary cocoalkylmethylamine ethoxylate methylchloride	1 - 2,5 %	CAS N° EINECS Registration no. CLP Classification R-Phrases	863679-20-3 Polymer Acute Tox. 4 H302 - Skin Irrit. 2 H315 - Eye Dam. 1 H318 22 - 38 - 41
Sodiummetasilicate	1 - 2,5 %	CAS N° EINECS Registration no. CLP Classification R-Phrases	6834-92-0 229-912-9 01-2119449811-37 Skin Corr. 1B H314 - STOT SE 3 H335 34 - 37

For the full text of the H & R phrases mentioned in this section, see section 16.

This is a harmless product in the indicated percentages of utilization.

4 First aid measures:

4.1 Description of first aid measures:

Always ask medical advice as soon as possible should serious or continuous disturbances occur

- Skin contact** : remove contaminated clothing, wash skin with water and soap
Eye contact : rinse first with plenty of water, if necessary seek medical attention
Ingestion : allow to drink water and do not induce vomiting
Inhalation : in case of serious or continuous discomforts: remove to fresh air and seek medical attention

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

- Skin contact** : none
Eye contact : redness, pain, bad looking
Ingestion : diarrhoea, headache, abdominal cramps, sleepiness, vomiting

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

none

5 Fire-fighting measures:

5.1 Extinguishing media :

non flammable

5.2 Special hazards arising from the substance or mixture:

none

5.3 Advice for fire-fighters:

Extinguishing agents to be avoided:none

6 Accidental release measures:

6.1 Personal precautions, protective equipment and emergency procedures:

no eating, drinking or smoking during work, keep in a sealed container, out of reach of children

6.2 Environmental precautions:

avoid concentrate to flow into sewers or open water

6.3 Methods and material for containment and cleaning up:

dilute with water

6.4 Reference to other sections:

For further information check sections 8 & 13

7 Handling and storage:

7.1 Precautions for safe handling:

handle with care to avoid spillage

7.2 Conditions for safe storage, including any incompatibilities:

keep in a sealed container in a closed, frost-free room Packing materials to be avoided: none

7.3 Specific end use(s):

alkaline cleaner

8 Exposure controls/personal protection:

8.1 Control parameters:

Follows a list of the hazardous elements mentioned sub 3. of which the TLV value is known:

2-(2-butoxyethoxy)ethanol 67,5 mg/m³,

8.2 Exposure controls:

Inhalation protection	: none
Skin protection	: none
Eye protection	: safety glasses
Other protection	: none



9 Physical and chemical properties:

Melting point/melting range, °C	: 0
Boiling point/Boiling range, °C	: 100 - 233
pH	: 12,7
pH 1% diluted in water	: /
Vapour pressure/20°C, Pa	: 2332
Vapour density, %	: n/a
Relative density/20°C	: 1,075
Appearance/20°C	: liquid
Flash point, °C	: /
Flammability (solid, gas)	: n/a
Auto-ignition temperature, °C	: /
Upper flammability or explosive limit, Vol %	: 24,6
Lower flammability or explosive limit, Vol %	: 0,85

Explosive properties	: n/a
Oxidising properties	: n/a
Decomposition temperature, °C	: n.d.a.
Solubility in water	: completely soluble
Partition coefficient: n-octanol/water, %	: n/a
Odour	: odourless
Odour threshold	: n/a
Dynamic viscosity, mPa.s/20°C	: 1
Kinematic viscosity, mm ² /s/20°C	: 1
Evaporation rate (n-BuAc = 1)	: 0,3

9.2 Other information:

Volatile organic component (VOC), %	: 0
Volatile organic component (VOC), g/l	: 30,6

10 Stability and reactivity:

10.1 Reactivity:

keep in a sealed container in a closed, frost-free room

10.2 Chemical stability:

none known

10.3 Possibility of hazardous reactions:

none known

10.4 Conditions to avoid:

handle with care to avoid spillage

10.5 Incompatible materials:

none

10.6 Hazardous decomposition products:

none known

11 Toxicological information:

11.1 Information on toxicological effects:

About the substance itself	: not applicable under actual EEC guidelines for preparations
General information	: see ingredients under section 3
Calculated acute toxicity, LD50 oral rat, mg/kg	: 2522

12. Ecological information:

12.1 Toxicity:

not applicable under actual EEC guidelines for preparations

12.2 Persistence and degradability:

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bioaccumulative potential:

not applicable under actual EEC guidelines for preparations

12.4 Mobility in soil:

Water hazard class, WGK: 2

12.5 Results of PBT and vPvB assessment:

not applicable under actual EEC guidelines for preparations

12.6 Other adverse effects:

not applicable under actual EEC guidelines for preparations

13 Disposal considerations:

13.1 Waste treatment methods:

The product may be discharged in the indicated percentages of utilization, provided it is neutralised to pH 7.
Possible restrictive regulations by local authority should always be adhered to.

14 Transport information:

14.1 UN number:

/

14.2 UN proper shipping name:

ADR not applicable, /, /

14.3 Transport hazard class(es):

class(es):

Identification number of the hazard: /

14.4 Packing group:

/

14.5 Environmental hazards:

Not dangerous to the environment

14.6 Special precautions for user:

15 Regulatory information:

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

Water hazard class, WGK : 2
Volatile organic component (VOC), : 0
%
Volatile organic component (VOC), : 30,6
g/l

15.2 Chemical Safety Assessment:

n.d.a.

16. Other information:

Legend to abbreviations used in the safety data sheet:

n.d.a.	: No data available
n/a	: not applicable
Nr	: number
CAS	: Chemical Abstracts Service
EINECS	: European INventory of Existing Commercial chemical Substances
WGK	: Water hazard class
WGK 1	: slightly hazardous for water
WGK 2	: hazardous for water
WGK 3	: extremely hazardous for water
ADR	: Accord européen relatif au transport international des marchandises Dangereuses par Route
TLV	: Threshold Limit Value
PTB	: persistent, toxic, bioaccumulative
vPvB	: very persistent and very bioaccumulative substances
CLP	: Classification , Labelling and Packaging of chemicals

Legend to the R & H Phrases used in the safety data sheet:

R22 Harmful if swallowed. R34 Causes burns. R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin. R41 Risk of serious damage to eyes.

H302 Harmful if swallowed. H314 Causes severe skin burns. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

Composition by regulation (EC) 648/2004:

Nonionic surfactants <5% , Cationic surfactants <5%

Reason of revision, changes of following items: 2, 4, 16

MSDS reference number:

ECM-100781

This safety information sheet has been compiled in accordance with annex II/A of the regulation (EU) No 453/2010. Classification has been calculated in accordance with the European directive 67/548/EWG, 1999/45/EC and regulation 1272/2008 with their respective amendments. It has been compiled with the utmost care. We cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned.. To use this preparation for an experiment or a new application, the user must carry out a material suitability and safety study himself.

Revised 2018