

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Reference number: 102200 Issue date: 15.02.2017 Revision date: 16.08.2023 Supersedes version of: 18.11.2021 Version: 3.2

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

1.1. Product identifier	
Product form Product name UFI Product code Type of product Product group	 Mixture CaluClean K3 spoelglansmiddel E81T-G1AN-P60X-APEY 3055010 Detergent Cleaning product
1.2. Relevant identified uses of the s	ubstance or mixture and uses advised against
1.2.1. Relevant identified uses	
Main use category	: Professional use
Industrial/Professional use spec	: Wide dispersive use
Use of the substance/mixture	: The information given in this MSDS concerns the product and is given on the assumption mentioned in section 1.1, that the product will be used in the manner and for the purposes indicated by the manufacturer.
Use of the substance/mixture	: Cleaners, liquids (all purpose cleaners, sanitary products, floor cleaners, glass cleaners, carpet cleaners, metal cleaners)
Function or use category	: Cleaning/washing agents and additives
1.2.2. Uses advised against	
No additional information available	

1.3. Details of the supplier of the safety data sheet

Distributor

Carel Lurvink Logistics B.V. IJzersteden, 11 NL– 7547 TB Enschede Nederland T +31 (0)53-4344343 - F +31 (0)53-4337105 info@carellurvink.nl - www.carellurvink.nl

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Serious eve damage/eve irritation. Category 2 H319

Serious eye damage/eye irritation, Category 2 Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

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2.2. Label elements	
Labelling according to Regulation (EC) I	No. 1272/2008 [CLP]
Hazard pictograms (CLP)	: GHS07
Signal word (CLP)	: Warning.
Hazard statements (CLP)	: H319 - Causes serious eye irritation.
Precautionary statements (CLP)	: P280 - Wear eye protection, protective gloves.
	P337+P313 - If eye irritation persists: Get medical advice/attention.
EUH-statements	: EUH208 - Contains 2-methylisothiazol-3(2H)-one. May produce an allergic reaction. EUH210 - Safety data sheet available on request.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium p-cumenesulphonate	CAS-No.: 15763-76-5 EC-No.: 239-854-6 REACH-no: 01-2119489411- 37	5 – 10	Eye Irrit. 2, H319
Alcohols, C12-14, ethoxylated propoxylated	CAS-No.: 68439-51-0 EC-No.: 614-484-1	1 – 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
2-methylisothiazol-3(2H)-one	CAS-No.: 2682-20-4 EC-No.: 220-239-6 EC Index-No.: 613-326-00-9 REACH-no: 01-2120764690- 50	< 0,01	Acute Tox. 2 (Inhalation), H330 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Oral), H301 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

Specific concentration limits:			
Name	Product identifier	Specific concentration limits (%)	
2-methylisothiazol-3(2H)-one	CAS-No.: 2682-20-4 EC-No.: 220-239-6 EC Index-No.: 613-326-00-9 REACH-no: 01-2120764690- 50	(0,0015 ≤ C ≤ 100) Skin Sens. 1A, H317	
Full text of H- and EUH-statements: see section 16			

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SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: If you feel unwell, seek medical advice.
4.2. Most important symptoms and effe	ects, both acute and delayed
Symptoms/effects after skin contact Symptoms/effects after eye contact	: May cause an allergic skin reaction. : Eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures				
5.1. Extinguishing media				
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.			
5.2. Special hazards arising from the substance or mixture				
No additional information available				
5.3. Advice for firefighters				
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.			

SECTION 6: Accidental release measures				
6.1. Personal precautions, protective equ	uipment and emergency procedures			
6.1.1. For non-emergency personnel				
Protective equipment Emergency procedures	Wear recommended personal protective equipment.Ventilate spillage area. Avoid contact with skin and eyes.			
6.1.2. For emergency responders				
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".			
6.2. Environmental precautions				
Avoid release to the environment.				
6.3. Methods and material for containme	nt and cleaning up			
Methods for cleaning up Other information	Take up liquid spill into absorbent material.Dispose of materials or solid residues at an authorized site.			
6.4. Reference to other sections				

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

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SECTION 7: Handling and store	age
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, ir	ncluding any incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool.
Storage temperature	: 10 – 30 °C
Storage area	: Store away from heat. Keep storage area clean. Ensure that there is a suitable ventilation system.
Special rules on packaging	: Store in a closed container. Keep only in original container.
7.3. Specific end use(s)	

Carefully comply with the instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Sodium p-cumenesulphonate (15763-76-5)			
DNEL/DMEL (Workers)			
Long-term - systemic effects, dermal	136,25 mg/kg bodyweight/day		
Long-term - local effects, dermal	0,096 mg/cm ²		
Long-term - systemic effects, inhalation	26,9 mg/m³		
DNEL/DMEL (General population)			
Long-term - systemic effects,oral	3,8 mg/kg bodyweight/day		
Long-term - systemic effects, inhalation	6,6 mg/m³		
Long-term - systemic effects, dermal	68,1 mg/kg bodyweight/day		
Long-term - local effects, dermal	0,048 mg/cm ²		
PNEC (Water)			
PNEC aqua (freshwater)	0,23 mg/l		
PNEC aqua (marine water)	0,023 mg/l		
PNEC aqua (intermittent, freshwater)	2,3 mg/l		
PNEC (Sediment)			
PNEC sediment (freshwater)	0,862 mg/kg dwt		
PNEC sediment (marine water)	0,0862 mg/kg dwt		

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Sodium p-cumenesulphonate (15763-76-5)		
PNEC (Soil)		
PNEC soil 0,037 mg/kg dwt		
PNEC (STP)		
PNEC sewage treatment plant	100 mg/l	

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

Eye protection					
Type Field of application Characteristics Standard					
Safety glasses	Droplet	With side shields	EN 166		

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

Hand protection					
Type Material Permeation Thickness (mm) Penetration Standard				Standard	
Disposable gloves	Nitrile rubber (NBR)	2 (> 30 minutes)	0,4	2 (< 1.5)	EN 374-2

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Carefully comply with the instructions for use. Avoid release to the environment.

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SECTION 9: Physical and chemical properties				
9.1. Information on basic physical and che	9.1. Information on basic physical and chemical properties			
Physical state	: Liquid			
Colour	: Blue.			
Appearance	: Clear.			
Odour	: characteristic.			
Odour threshold	: Not available			
Melting point	: Not applicable			
Freezing point	: Not available			
Boiling point	: Not available			
Flammability	: Not applicable			
Lower explosion limit	: Not available			
Upper explosion limit	: Not available			
Flash point	: Not available			
Auto-ignition temperature	: Not available			
Decomposition temperature	: Not available			
рН	: 3			
pH solution concentration	: 100 %			
Viscosity, kinematic	: < 19,608 mm²/s			
Viscosity, dynamic	: < 20 mPa·s			
Solubility	: completely soluble.			
Partition coefficient n-octanol/water (Log Kow)	: Not available			
Vapour pressure	: Not available			
Vapour pressure at 50°C	: Not available			
Density	: 1,02 g/cm ³			
Relative density	: Not available			
Relative vapour density at 20°C	: Not available			
Particle characteristics	: Not applicable			

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information			
11.1. Information on hazard classes as defin	ed in Regulation (EC) No 1272/2008		
Acute toxicity (oral) Acute toxicity (dermal) Acute toxicity (inhalation)	: Not classified : Not classified : Not classified		
Sodium p-cumenesulphonate (15763-76-5)			
LD50 oral rat	7200 mg/kg		
LD50 dermal rat	2000 mg/kg		
LD50 dermal rabbit	> 2000 mg/kg		
Skin corrosion/irritation	: Not classified pH: 3		
Serious eye damage/irritation	: Causes serious eye irritation. pH: 3		
Respiratory or skin sensitisation	: Not classified		
Germ cell mutagenicity	: Not classified : Not classified		
	: Not classified		
Sodium p-cumenesulphonate (15763-76-5)			
NOAEL (chronic, oral, animal/female, 2 years)	≥ 60 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:		
Reproductive toxicity	Not classified		
STOT-single exposure	: Not classified		
STOT-repeated exposure	: Not classified		
Sodium p-cumenesulphonate (15763-76-5)			
NOAEL (oral, rat, 90 days)	763 – 3534 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)		
Aspiration hazard	: Not classified		
CaluClean K3 spoelglansmiddel			
Viscosity, kinematic	< 19,608 mm²/s		
11.2. Information on other hazards			

No additional information available

SECTION 12: Ecological information				
12.1. Toxicity				
Ecology - general :	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.			
Hazardous to the aquatic environment, short-term : (acute)	Not classified			
Hazardous to the aquatic environment, long-term : (chronic)	Not classified			
Sodium p-cumenesulphonate (15763-76-5)				
LC50 - Fish [1]	1000 mg/l			
EC50 - Crustacea [1]	1000 mg/l			
EC50 96h - Algae [1]	≥ 758 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)			

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12.2. Persistence and degradability				
CaluClean K3 spoelglansmiddel				
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.			
Sodium p-cumenesulphonate (15763-76-5)				
Biodegradation	> 90 % OECD 301 E			
12.3. Bioaccumulative potential				
No additional information available				
12.4. Mobility in soil				
No additional information available				
12.5. Results of PBT and vPvB assessment				
No additional information available				
12.6. Endocrine disrupting properties				
No additional information available				
12.7. Other adverse effects				
No additional information available				
SECTION 13: Disposal considerations				

13.1. Waste treatment methods	
Regional legislation (waste) Waste treatment methods Product/Packaging disposal recommendations	 Disposal must be done according to official regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose in a safe manner in accordance with local/national regulations. Empty containers
Frouder ackaging disposal recommendations	can be dumped after cleaning according to local legislation. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber	·		·
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.5. Environmental haz	zards			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary informatic	on available			
4.6. Special precaution	s for user			
Overland transport lot applicable				
Fransport by sea				
Air transport Not applicable				
nland waterway transport lot applicable				
Rail transport lot applicable				
4.7. Maritime transport	in bulk according to IMO	instruments		
lot applicable				
SECTION 15: Regulate 15.1. Safety, health and 15.1.1. EU-Regulations		s/legislation specific for	the substance or mixture	•
EACH Annex XVII (Restric	tion List)			
Contains no substance(s) liste	ed on REACH Annex XVII (Re	striction Conditions)		
EACH Annex XIV (Authori	sation List)			
Contains no substance(s) liste	ed on REACH Annex XIV (Aut	horisation List)		
EACH Candidate List (SVI				
	ed on the REACH Candidate L	ist		
PIC Regulation (Prior Inform		ELL 640/2012 concorning the	export and import of bazardou	chomicals)
OP Regulation (Persistent		20 049/2012 concerning the	export and import of hazardou	s chemicals)
	ed on the POP list (Regulation	EU 2019/1021 on persistent	organic pollutants)	
zone Regulation (1005/200				
		(Regulation EU 1005/2009 o	n substances that deplete the	ozone layer)
etergent Regulation (648/2				
Labelling of contents				
Component				%
anionic surfactants				<5%
Benzisothiazolinone				
Methylisothiazolinone				
•	ulation (2010/1118)			

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes				
Section	Changed item	Change	Comments	
	Supersedes	Modified		
	Revision date	Modified		
	Concentration of the solution used for the pH measurement	Added		
1.1	UFI on SDS 1.1	Added		

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	
EC50	Median effective concentration	
IARC	International Agency for Research on Cancer	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
РВТ	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
STP	Sewage treatment plant	

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Abbreviations and acronyms:		
TLM	Median Tolerance Limit	
SDS	Safety Data Sheet	
vPvB	Very Persistent and Very Bioaccumulative	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
EC-No.	European Community number	
EN	European Standard	
OEL	Occupational Exposure Limit	
ThOD	Theoretical oxygen demand (ThOD)	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
ED	Endocrine disrupting properties	

Data sources

Other information

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

: None. DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:		
Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
EUH208	Contains 2-methylisothiazol-3(2H)-one. May produce an allergic reaction.	
EUH210	Safety data sheet available on request.	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H311	Toxic in contact with skin.	

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Full text of H- and EUH-statements:			
H314	Causes severe skin burns and eye damage.		
H317	May cause an allergic skin reaction.		
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		
H330	Fatal if inhaled.		
H400	Very toxic to aquatic life.		
H410	Very toxic to aquatic life with long lasting effects.		
H412	Harmful to aquatic life with long lasting effects.		
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B		
Skin Sens. 1A	Skin sensitisation, category 1A		

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:			
Eye Irrit. 2	H319	Calculation method	
The classification complies with : ATP 12			

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.