Safety data sheet
ACCORDING TO COMMISSION REGULATION (EU) 2020/878
amending Annex II to Regulation (EC) No 1907/2006

Printing date 26.06.2024 Version number 8.0 (replaces version 7.0) Revision: 26.06.2024

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

· **1.1 Product identifier**

· **Trade name: Sofin Complete Care&Universal Renew Washing Caps. Washing caps for light-color and white fabrics**

· **UFI:** F4HY-VRTX-NQ3F-KYRN

· **1.2 Relevant identified uses of the substance or mixture and uses advised against** ·
· **Application of the substance / the mixture:** Detergents
· **Uses advised against:** No further relevant information available.

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
Dr. Miele Cosmed Group S.A.
ul. Wielkopolska 3, 26-600 Radom, Poland
tel. +48 48 384 58 01
www.dr-miele.eu
www.sofin.pl
info@dr-miele.eu

· **1.4 Emergency telephone number:** +48 48 384 58 01 (Mo. to Fr. 8:00 - 17:00) or 112

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**

GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
· **Hazard pictograms**

GHS07

· **Signal word** Warning
· **Hazard statements**
H315 Causes skin irritation.
H319 Causes serious eye irritation.
· **Precautionary statements**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P280	Wear protective gloves / eye protection / face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
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.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P501	Dispose of contents/container in accordance with national regulations to disposal.

· **Additional information:**
EUH208 Contains ISOEUGENOL (Phenol, 2-methoxy-4-(1-propenyl)-), HEXYL CINNAMAL (α-hexylcinnamaldehyde). May produce an allergic reaction.

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· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Determination of endocrine-disrupting properties** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**
· **Description:** Mixture: consisting of the following components.

· **Dangerous components:**

CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16	SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt) Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10% Eye Irrit. 2; H319: 5 % ≤ C < 10 %	≥15-<25%
CAS: 160901-19-9 EC number: 931-954-4 Reg.nr.: 01-2119490233-42	C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated) Eye Dam. 1, H318; Acute Tox. 4, H302; Aquatic Chronic 3, H412 Specific concentration limits: Eye Dam. 1; H318: C ≥ 10% Eye Irrit. 2; H319: 1 % ≤ C < 10 %	≥10-<15%
CAS: 66071-80-5 EINECS: 266-105-0	MEA-COCOATE (Fatty acids, coco, compds. with ethanolamine) Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥5-<10%
CAS: 101-86-0 EINECS: 202-983-3 Reg.nr.: 01-2119533092-50	HEXYL CINNAMAL (α-hexylcinnamaldehyde) Acute Tox. 3, H331; Skin Sens. 1, H317	≥0.1-<1%
CAS: 3811-73-2 EINECS: 223-296-5 Index number: 613-344-00-7 Reg.nr.: 01-2119493385-28	SODIUM PYRITHIONE (Pyridine-2-thiol 1-oxide, sodium salt) STOT RE 1, H372; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 2, H411; Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317 ATE: LD50 oral: 500 mg/kg LD50 dermal: 790 mg/kg LC50/4 h inhalative: 0.5 mg/l	≥0.0025-<0.025%
CAS: 97-54-1 EINECS: 202-590-7 Index number: 604-094-00-X	ISOEUGENOL (Phenol, 2-methoxy-4-(1-propenyl)-) Acute Tox. 4, H302; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.01 %	<0.01%

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

anionic surfactants	≥15 - <30%
non-ionic surfactants, soap	≥5 - <15%
phosphonates	<5%
perfumes (HEXYL CINNAMAL, GERANIOL, BENZYL SALICYLATE, COUMARIN), optical brighteners, preservation agents (SODIUM PYRITHIONE, PHENOXYETHANOL, BENZISOTHIAZOLINONE), enzymes	

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· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Rinse with warm water.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:** If symptoms persist consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
Use fire extinguishing methods suitable to surrounding conditions.
Water spray
· **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
· **5.3 Advice for firefighters**
· **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid skin and eye contact.
Slipping hazard due to leaking product.
· **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
· **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 disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
No special measures required.
Keep away from frost and heat.
· **Information about fire - and explosion protection:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
· **Information about storage in one common storage facility:** Not required.

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· **Further information about storage conditions:**
Keep container tightly sealed.
Store and transport uprightly.
· **Storage class:** 10
· **7.3 Specific end use(s)**
The product is a detergent for household cleaning. Observe the warnings and instructions on the packaging.

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**
· **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

68891-38-3 SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt)		
Oral	DNEL - long-term, oral, systemic effect	15 mg/kg (consumer)
Dermal	DNEL - long-term, dermal, systemic effect	2,750 mg/kg (worker)
		1,650 mg/kg (consumer)
	DNEL - long-term, dermal, local effect	132 µg/cm² (worker)
		79 µg/cm² (consumer)
Inhalative	DNEL - long-term, inhaled, systemic effect	175 mg/m³ (worker)
160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)		
Oral	DNEL - long-term, oral, systemic effect	25 mg/kg (consumer)
Dermal	DNEL - long-term, dermal, systemic effect	2,080 mg/kg (worker)
		1,250 mg/kg (consumer)
Inhalative	DNEL - long-term, inhaled, systemic effect	294 mg/m³ (worker)
		87 mg/m³ (consumer)

· **PNECs**

68891-38-3 SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt)	
PNEC water (fresh water)	240 µg/l
PNEC water (marine water)	24 µg/l
PNEC water (intermittent)	71 µg/l
PNEC sediment (fresh water)	0.9168 mg/kg
PNEC sediment (marine water)	0.09168 mg/kg
PNEC (soil)	7.5 mg/kg
160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)	
PNEC water (fresh water)	80 µg/l
PNEC water (marine water)	8 µg/l
PNEC water (intermittent)	0.28 µg/l
PNEC sediment (fresh water)	63.83 mg/kg
PNEC sediment (marine water)	6.38 mg/kg
PNEC (soil)	1 mg/kg
PNEC (sewage plant)	10,000 mg/l

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**
· **Appropriate engineering controls** No further relevant information available.

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· **Individual protection measures, such as personal protective equipment**
· **Respiratory protection:** Not required.
· **Hand protection**

Protective gloves

Due to missing tests, it is not possible to give exact information about the glove material for the product.
Recommended is therefore:
Only use chemical-protective gloves with CE-labelling of category III.
· **Material of gloves**
Recommended for contact with the product are protective gloves of chemical protection category III made of special nitrile (material thickness > 0.1 mm). Protective gloves should be tested for workplace specific suitability (e.g. mechanical and thermal resistance, antistatic, etc.). For first signs of wear, the protective gloves must be replaced immediately.
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
Penetration time > 480 minutes recommended. Named penetration times can be significantly shorter in practice.
· **Eye/face protection**

Tightly sealed goggles

· **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
· **Environmental exposure controls**
Do not allow product to reach ground water, water course or sewage system.

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SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**
· **General Information**

· **Physical state**	Fluid
· **Colour:**	Coloured
· **Odour:**	Pleasant
· **Odour threshold:**	Not determined.
· **Melting point/freezing point:**	Undetermined.
· **Boiling point or initial boiling point and boiling range**	100 °C (7732-18-5 water)
· **Flammability**	Not flammable.
· **Lower and upper explosion limit**	
· **Lower:**	2.6 Vol % (56-81-5 GLYCERIN (Glycerol))
· **Upper:**	11.3 Vol % (56-81-5 GLYCERIN (Glycerol))
· **Flash point:**	>100 °C (57-55-6 propane-1,2-diol)
· **Auto-ignition temperature:**	250 °C (68891-38-3 SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt))
· **Decomposition temperature:**	Not determined.

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· **pH at 20 °C**	8-9
· **Viscosity:**	
· **Kinematic viscosity at 20 °C**	<1,000 s (DIN 53211/4)
· **Dynamic:**	Not determined.
· **Solubility**	
· **water:**	Fully miscible.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure at 20 °C:**	<0.1 hPa (56-81-5 GLYCERIN (Glycerol))
· **Vapour pressure at 50 °C:**	~0 hPa
· **Density and/or relative density**	
· **Density at 20 °C:**	0.9-1.1 g/cm³
· **Relative density**	Not determined.
· **Vapour density**	Not determined.

· **9.2 Other information**	
· **Appearance:**	
· **Form:**	Fluid
· **Important information on protection of health and environment, and on safety.**	
· **Explosive properties:**	Product does not present an explosion hazard.
· **Solvent content:**	
· **Organic solvents:**	52.5 %
· **Water:**	9.2 %
· **Solids content:**	0.0 %
· **Change in condition**	
· **Evaporation rate**	Not determined.

· **Information with regard to physical hazard classes**	
· **Explosives**	Void
· **Flammable gases**	Void
· **Aerosols**	Void
· **Oxidising gases**	Void
· **Gases under pressure**	Void
· **Flammable liquids**	Void
· **Flammable solids**	Void
· **Self-reactive substances and mixtures**	Void
· **Pyrophoric liquids**	Void
· **Pyrophoric solids**	Void
· **Self-heating substances and mixtures**	Void
· **Substances and mixtures, which emit flammable gases in contact with water**	Void
· **Oxidising liquids**	Void
· **Oxidising solids**	Void
· **Organic peroxides**	Void
· **Corrosive to metals**	Void
· **Desensitised explosives**	Void

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability** Product is stable.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** Keep away from frost and heat.
· **10.5 Incompatible materials:** No further relevant information available.

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· **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

· **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
· **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**		
ATE (Acute Toxicity Estimates)		
Oral	LD50	>2,013-13,423 mg/kg (rat)
Inhalative	LC50/4 h	>3,757 mg/l (rat)

68891-38-3 SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt)		
Oral	LD50	>5,000 mg/kg (rat) (OECD TG 401)
Dermal	LD50	>2,000 mg/kg (rat) (OECD TG 402)
160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)		
Oral	LD50	>300-2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
60-12-8 PHENETHYL ALCOHOL (2-phenylethanol)		
Oral	LD50	1,790 mg/kg (rat) (OECD TG 401)
Dermal	LD50	2,535 mg/kg (rabbit) (OECD TG 402)
101-86-0 HEXYL CINNAMAL (α-hexylcinnamaldehyde)		
Oral	LD50	3,100 mg/kg (rat) (OECD TG 401)
Dermal	LD50	>3,000 mg/kg (rat) (OECD TG 402)
Inhalative	LC50/4 h	>5 mg/l (rat) (OECD TG 403)
3811-73-2 SODIUM PYRITHIONE (Pyridine-2-thiol 1-oxide, sodium salt)		
Oral	LD50	500 mg/kg (ATE)
		1,208 mg/kg (rat)
Dermal	LD50	790 mg/kg (ATE)
		1,800 mg/kg (rabbit)
Inhalative	LC50/4 h	0.5 mg/l (ATE)
97-54-1 ISOEUGENOL (Phenol, 2-methoxy-4-(1-propenyl)-)		
Oral	LD50	1,560 mg/kg (rat)

· **Skin corrosion/irritation** Causes skin irritation.
· **Serious eye damage/irritation** Causes serious eye irritation.
· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
· **Carcinogenicity** Based on available data, the classification criteria are not met.
· **Reproductive toxicity**
Based on available data, the classification criteria are not met.

68891-38-3 SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt)	
NOAEL	>300 mg/kg bw/d (rat) (OECD TG 416)

· **STOT-single exposure** Based on available data, the classification criteria are not met.
· **STOT-repeated exposure**
Based on available data, the classification criteria are not met.

68891-38-3 SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt)	
NOAEL	>225 mg/kg/d (rat) (OECD TG 408)

· **Aspiration hazard** Based on available data, the classification criteria are not met.

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· **11.2 Information on other hazards**

· **Endocrine disrupting properties**		
1222-05-5	HEXAHYDROHEXAMETHYL CYCLOPENTABENZOPYRAN (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran)	List II
118-58-1	benzyl salicylate	List II
1506-02-1	1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)	List II

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	
68891-38-3 SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt)	
Toxicity (fish): LC50	>10-100 mg/l, 96 h (Leuciscus idus)
Toxicity chronic (fish): NOEC	>1-10 mg/l, 28 d (Leuciscus idus)
Toxicity (Daphnia): EC50	>10-100 mg/l, 48 h (Daphnia magna)
Toxicity (Algea): EC50	>10-100 mg/l, 72 h (Scenedesmus subspicatus)
160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)	
Toxicity (fish): LC50	>1-10 mg/l, 96 h (Cyprinus carpio) (OECD TG 203)
Toxicity (Daphnia): EC50	>1-10 mg/l, 48 h (Daphnia magna) (OECD TG 202)
Toxicity (Algea): EC50	>1-10 mg/l, 72 h (Desmodesmus subspicatus) (OECD TG 201)
3811-73-2 SODIUM PYRITHIONE (Pyridine-2-thiol 1-oxide, sodium salt)	
Toxicity (fish): LC50	0.0066 mg/l, 96 h (Oncorhynchus mykiss)
Toxicity (Daphnia): EC50	0.022 mg/l, 48 h (Daphnia magna)
Toxicity (Algea): EC50	0.46 mg/l, 72 h (Selenastrum capricornutum)
Toxicity chronic (Algea): NOEC	0.08 mg/l, 72 h (Selenastrum capricornutum) (OECD TG 201)

· **12.2 Persistence and degradability**
No information for the product available. The contained surfactants are readily biodegradable.

68891-38-3 SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt)	
Readily biodegradable	>90 % (28d)
160901-19-9 C12-13 PARETH-7 (Alcohols C12-13 branched and linear, ethoxylated)	
Readily biodegradable	>60 % (28d) (OECD TG 301 B)
3811-73-2 SODIUM PYRITHIONE (Pyridine-2-thiol 1-oxide, sodium salt)	
Readily biodegradable	>70 % (OECD TG 301 B)

· **12.3 Bioaccumulative potential**	
68891-38-3 SODIUM LAURETH SULFATE (Alcohols C12-14 ethoxylated, sulfates, sodium salt)	
Log Pow	0.3 (Potential: low)

· **12.4 Mobility in soil** No further relevant information available.
· **12.5 Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
· **12.7 Other adverse effects**
· **Additional ecological information:**
· **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.

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Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Empty the container thoroughly.
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
· **Waste disposal key:**
20 01 29
15 01 10

· **Uncleaned packaging:**
· **Recommendation:**
Non contaminated packagings may be recycled.
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· **14.1 UN number or ID number**	
· **ADR, IMDG, IATA**	Void
· **14.2 UN proper shipping name**	
· **ADR, IMDG, IATA**	Void
· **14.3 Transport hazard class(es)**	
· **ADR, ADN, IMDG, IATA**	
· **Class**	Void
· **14.4 Packing group**	
· **ADR, IMDG, IATA**	Void
· **14.5 Environmental hazards:**	Not applicable.
· **14.6 Special precautions for user**	Not applicable.
· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.
· **UN "Model Regulation":**	Void

SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
· **Labelling according to Regulation (EC) No 1272/2008**
The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· **Directive 2012/18/EU**
· **Named dangerous substances - ANNEX I** None of the ingredients is listed.
· **Regulations:** Regulation (EC) No: 1907/2006, 1272/2008, 648/2004 (all as amended).
· **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

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· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **REGULATION (EC) No 1005/2009 on substances that deplete the ozone layer – ANNEX I (Ozone-depleting potential)**

· **Information about limitation of use:** Employment restrictions concerning juveniles must be observed.
· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information given in the Material Safety Data Sheet only apply to the describted product in connection with its appropriate utilization. These particulars are based on our present knowledge. In particular, the information derve the purpose of descibing our product under the aspect of hazards caused by such product and pertaining safety actions. The information does not constitute any guarantee of product quality and/or quality features.
This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

· **Relevant phrases**
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
· **Training hints**
When manufacturing and distributing the product: information and instruction in handling, safety and hygiene.
When transporting the product: information and instruction in ADR.
· **Classification according to Regulation (EC) No 1272/2008**
The skin and/or eye classification of this product was derived using bridging principles (such as dilution, interpolation within one hazard category or substantially similar mixtures; with or without expert judgement) following Article 9 (3) and Article 9 (4) of Regulation (EC) No 1272/2008.
DetNet/1862
The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

· **Department issuing SDS:**
Regulatory Affairs
MH
· **Contact:** reg@dr-miele.eu
· **Date of previous version:** 21.02.2024
· **Version number of previous version:** 7.0

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Safety data sheet
ACCORDING TO COMMISSION REGULATION (EU) 2020/878
amending Annex II to Regulation (EC) No 1907/2006

Printing date 26.06.2024 *Version number 8.0 (replaces version 7.0)* *Revision: 26.06.2024*

Trade name: Sofin Complete Care&Universal Renew Washing Caps. Washing caps for light-color and white fabrics

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· ***Abbreviations and acronyms:***
ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
MARPOL: International Convention for the Prevention of Marine Pollution from Ships (marine pollution)
IBC: Intermediate Bulk Container
IMO: International Maritime Organisation
ECHA: European Chemicals Agency
IVIS: In Vitro Irritancy Score
CLP regulation: "Classification, Labelling and Packaging" regulation, regulation (EC) Nr. 1272/2008
REACH (regulation): "Registration, Evaluation, Authorisation and Restriction of Chemicals" regulation, regulation (EC) Nr. 1907/2006
CE: Conformité Européenne (European Conformity)
Reg. no.: Registration number
log Kow / log Pow: decadic logarithm of the octanol/water partition coefficient
bw/d: body weight per day
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
EC50: Effective concentration, 50 percent
WEL: Workplace Exposure Limits
NOAEL (NOAEC): No observed adverse effect level (concentration)
NOEL (NOEC): No observed effect level (concentration)
NLP: No-Longer-Polymer
OECD: Organisation for Economic Co-operation and Development
TG: Test Guideline
BCOP: Bovine Corneal Opacity and Permeability
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· **** Data compared to the previous version altered.***