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

Printing date 27.11.2024 Version number 1.0 Revision: 27.11.2024

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

· **1.1 Product identifier**

· **Trade name: Sofin Well Being – Feel Well concentrated fabric softener**

· **1.2 Relevant identified uses of the substance or mixture and uses advised against** ·
· **Application of the substance / the mixture:**
Detergents
Textile softener
· **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**
The product is not classified, according to the CLP regulation.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008** Void
· **Hazard pictograms** Void
· **Signal word** Void
· **Hazard statements** Void
· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Determination of endocrine-disrupting properties** Not applicable.

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SECTION 3: Composition/information on ingredients

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

· **Dangerous components:** Void

· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**	
cationic surfactants	≥5 - <15%
perfumes (POGOSTEMON CABLIN OIL, ALPHA-ISOMETHYL IONONE, HEXYL CINNAMAL), enzymes, preservation agents (SODIUM BENZOATE), LACTIC ACID	

· **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**
· **General information:** No special measures required.
· **After inhalation:** Supply fresh air; consult doctor in case of complaints.
· **After skin contact:** Rinse with warm water.
· **After eye contact:** Rinse opened eye for several minutes under running water.

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· **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:** 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.
· **Further information about storage conditions:** Store and transport uprightly.
· **Storage class:** 12
· **7.3 Specific end use(s)**
The product is an aid for cleaning household textiles. Observe 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.

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· **DNELs**

67-63-0 ISOPROPYL ALCOHOL (propan-2-ol)

Oral	DNEL - long-term, oral, systemic effect	26 mg/kg (consumer)
Dermal	DNEL - long-term, dermal, systemic effect	888 mg/kg (worker)
		319 mg/kg (consumer)
Inhalative	DNEL - long-term, inhaled, systemic effect	500 mg/m³ (worker)
		89 mg/m³ (consumer)

· **PNECs**

67-63-0 ISOPROPYL ALCOHOL (propan-2-ol)

PNEC water (fresh water)	140,900 µg/l
PNEC water (marine water)	140,900 µg/l
PNEC water (intermittent)	140,900 µg/l
PNEC sediment (fresh water)	552 mg/kg
PNEC sediment (marine water)	552 mg/kg
PNEC (soil)	28 mg/kg
PNEC (sewage plant)	2,251 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.
· **Individual protection measures, such as personal protective equipment**
· **Respiratory protection:** Not required.
· **Hand protection**
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** Goggles recommended during refilling
· **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
· **Environmental exposure controls**
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 9: Physical and chemical properties

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

· **Physical state**	Fluid
· **Colour:**	Whitish
· **Odour:**	Pleasant

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· **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:**	Not determined.
· **Upper:**	Not determined.
· **Flash point:**	>75 °C DIN EN ISO 13736:2022-12
· **Auto-ignition temperature:**	190 °C (100-52-7 benzaldehyde)
· **Decomposition temperature:**	Not determined.
· **pH at 20 °C**	2.5-4.5
· **Viscosity:**	
· **Kinematic viscosity**	Not determined.
· **Dynamic:**	Not determined.
· **Solubility**	
· **water:**	Dispersible.
· **Partition coefficient n-octanol/water (log value)**	Not determined.
· **Vapour pressure:**	Not determined.
· **Density and/or relative density**	
· **Density at 20 °C:**	0.995-1.005 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:**	0.7 %
· **Water:**	92.7 %
· **Solids content:**	5.8 %
· **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

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· **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.
· **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:**		
67-63-0 ISOPROPYL ALCOHOL (propan-2-ol)		
Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h	72.6 mg/l (rat)
79-33-4 LACTIC ACID (L-(+)-lactic acid)		
Oral	LD50	3,543 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

· **Primary irritant effect:**
· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
· **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
· **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.
· **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.
· **Aspiration hazard** Based on available data, the classification criteria are not met.
· **11.2 Information on other hazards**

· **Endocrine disrupting properties**
None of the ingredients is listed.

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	
79-33-4 LACTIC ACID (L-(+)-lactic acid)	
Toxicity (fish): LC50	130 mg/l, 96 h (Oncorhynchus mykiss)
	320 mg/l, 96 h (Danio rerio)
Toxicity (Daphnia): EC50	130-250 mg/l, 48 h (Daphnia magna)
Toxicity (Algea): EC50	>2,800-3,500 mg/l, 72 h (Pseudokirchneriella subcapitata)

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

· **12.3 Bioaccumulative potential** No further relevant information available.

· **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**
The product does not contain substances with endocrine disrupting properties.
· **12.7 Other adverse effects**
· **Additional ecological information:**
· **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation**
Smaller quantities can be disposed of with household waste.
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:**
15 01 02
20 01 30

· **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.

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· **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).

· **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.

· **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.

· **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**
Calculation method
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
FS
· **Contact:**
reg@dr-miele.eu
info@dr-miele.eu
· **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

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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
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

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