Safety data sheet

RM Scale+ 5 kg

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

1.1 Product identifier Trade name: RM Scale+

UFI: SGWJ-G0AG-800T-H3Q6

1.2 . Relevant Intended Uses of the Substance or Mixture and Non-Recommended Uses of the Product: Descaler.

Not recommended uses: For professional use only. Other uses not listed.

SWED - Sector-specific description of workers' exposure:
AISE_SWED_PW_8a_1
AISE_SWED_PW_8b_1
AISE_SWED_PW_1_1
AISE_SWED_PW_4_1
AISE_SWED_PW_11_1
AISE_SWED_PW_19_1

1.3 . Safety Data Sheet Supplier Details

Contact details
RM GASTRO s.r.o.
Náchodská 818/16 193 00 Prague 9 - Horní Počernice TEL: +420 281 926 604, email: info@rmgastro.cz

1.4 Emergency Phone Number
Consult a doctor (if possible present this label or safety data sheet) Poison Information Centre, TEL: 224919293, 224915402

SECTION 2: Hazard identification

2.1 . Classification of the substance or mixture

Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Corrosive to Metals 1 (H290)

2.2 Elements of the designation

Signal word: Warning.

Standard hazard statements:
H290 - May be corrosive to metals.
H315 + H319 - Causes skin irritation and serious eye irritation.

2.3 Other hazards
No other known hazards are known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Substance(s)	EC number	CAS Number	REACH number	Classification	Note.	Weight Percentage

Phosphoric acid	231-633-2	7664-38-2	01-2119485924-24	Skin Corr. 1B (H314) 10-20 Eye Dam. 1 (H318) Corrosive to Metals 1 (H290)		

Specific concentration limits
Phosphoric acid:
- The Eye Dam. 1 (H318) >= 25% > Eye Irrit. 2 (H319) >= 10%
- Corr skin. 1B (H314) >= 25% > Skin Irrit. 2 (H315) >= 10%

The exposure limit(s), if any, are set out in subsection 8.1. ATEs, if any, are listed in Section 11.
For the texts of the H and EUH sentences in this section, see section 16.

SECTION 4: First Aid Instructions

4.1 First Aid Description

Inhalation: Skin Contact: If you feel unwell, seek medical help or treatment. Rinse the skin with plenty of lukewarm water. For skin irritation: Seek medical attention or treatment.

Eye Exposure: Keep your eyelids open and rinse with plenty of lukewarm water for at least 15 minutes. Rinse carefully with water for a few minutes. Remove contact lenses if they are fitted and can be removed easily. Continue rinsing. If irritation occurs and persists, seek medical attention.

Ingestion: Rinse your mouth. Drink 1 glass of water immediately. Never give anything to an unconscious person through your mouth. If you feel unwell, seek medical help or treatment. Wear the personal protective equipment specified in subsection 8.2.

Protection of the first aid person:

4.2 Key acute and delayed symptoms and effects Inhalation: Skin contact: Eye contact: Ingestion:

With normal use, there are no known effects or symptoms. It causes irritation.
It causes severe irritation.
With normal use, there are no known effects or symptoms.

4.3 Instruction concerning immediate medical assistance and special treatment
There is no information on clinical trials and medical follow-up. Where specific toxicological data on substances are available, they are presented in Section 11.

SECTION 5: Fire extinguishing measures

5.1 Hashiva
Carbon dioxide. Dry powder. Shower water jet. To extinguish larger fires, use a stream of water or alcohol-resistant foam.

5.2 . Special hazard arising from the substance or mixture
No particular hazard is known.

5.3 Firefighter Instructions
In the event of a fire, wear suitable breathing apparatus, suitable protective clothing including protective gloves and goggles/face shield.

SECTION 6: Measures in the event of accidental leakage

6.1 . Personal protection measures, protective equipment and emergency procedures
Repeated or prolonged contact: Wear appropriate protective gloves.

6.2 . Environmental protection measures
Dilute with plenty of water. Avoid entering sewers, surface water, or groundwater.

6.3 Methods and material for leakage containment and cleaning
Create a dam to catch large leaks. Sprinkle with inert material, e.g. sand, gravel, sawdust, universal absorbent. Do not re-place the leaked material in the original container. Collect in sealed suitable containers and discard.

6.4 Reference to Other Sections
For information on personal protective equipment, see subsection 8.2. For information on deletion, see Section 13.

SECTION 7: Handling and storage

7.1 Safe Handling Precautions Fire and Explosion Prevention Precautions:
Special safety measures are not required.

Measures necessary to protect the environment:
For limitation of exposure to the environment, see subsection 8.2.

Guidelines for general occupational health protection:
Follow the safety regulations for handling chemicals. Do not leave food, drinks and game feed nearby. Do not mix with other products. After handling, wash your hands, face and exposed areas of skin thoroughly. Take off contaminated clothing. Wash contaminated clothing before reuse. Avoid contact with skin and eyes. Do not inhale aerosols. Use only with adequate ventilation. See section 8.2, Exposure control/personal protective equipment.

7.2 . Conditions for the safe storage of substances and mixtures, including incompatible substances and mixtures
Store in accordance with local codes and ordinances. Store in a sealed container. Store only in the original packaging. For conditions to be avoided, see subsection 10.4. For incompatible materials, see subsection 10.5.

7.3 Specific End-Uses/Specific End-uses
There is no specific end-use recommendation.

SECTION 8: Limitation of exposure / personal protective equipment

8.1 Control parameters Exposure limit values within the meaning of Government Regulation No. 361/2007 Coll., as amended

Permissible limits in air, if available:

Substance(s)	Maximum permissible concentration limits (PEL) (NPK-P)
Phosphoric acid	1 mg/m 3 2 mg/m ^{3}

Biological agent, if available:

Recommended monitoring practices, if available:

Additional exposure limits under specific conditions of use, if available:

DNEL/DMEL and PNEC values
Human exposure
DNEL/DMEL oral exposure - consumer (mg/kg body weight)

Substance(s)	Short-term - local effects	Short-term - systemic effects	Long-term - local Long-term - effects systemic effects	
Phosphoric acid	-	-	-	0.1

DNEL/DMEL Dermal Exposure - Worker

Substance(s)	Short-term - local effects	Short-term systemic effects (mg/kg body weight)	Long-term - local effects	Long-term - systemic effects (mg/kg body weight)
Phosphoric acid	Data not available	-	Data not available	-

DNEL/DMEL Dermal Exposure - Consumer

Substance(s)	Short-term - local effects	Short-term systemic effects (mg/kg body weight)	Long-term - local effects	Long-term - systemic effects (mg/kg body weight)
Phosphoric acid	Data not available	-	Data not available	-

DNEL/DMEL inhalation exposure - worker (mg/m3)

Substance(s)	Short-term - local effects	Short-term - systemic effects	Long-term - local Long-term - effects systemic effects	
Phosphoric acid	-	-	2.92 1	

DNEL/DMEL inhalation exposure - consumer (mg/m3)

Substance(s)	Short-term - local effects	Short-term - systemic effects	Long-term - local Long-term - effects systemic effects	
Phosphoric acid	-	-	0.73 -	

Environmental exposure:
Environmental Exposure - PNEC

Substance(s)	Surface water, Surface water, Intermittent (mg/l) Wastewater treatment plants Freshwater (mg/l) marine (mg/l) (mg/l)			
Phosphoric acid	-	- - -		

Environmental Exposure - PNEC, continued

Substance(s)	Sediment, Sediment, marine Soil (mg/kg) Air	(mg/m3) Freshwater (mg/kg) (mg/kg)		
Phosphoric acid	-	- - -		

8.2. Limitation of exposure

The following information relates to the uses listed in subsection 1.2 of the Safety Data Sheet.

Normal terms and conditions apply to this section.

Recommended precautions when handling undiluted product:

Appropriate technical controls: Not required for normal use.
Appropriate organizational controls: If possible, avoid direct contact and/or splashing with the product. Employee training.

REACH application scenarios for an undiluted product:

	SWED - Sector-specific description of workers' exposure	LCS	WHY	Duration (min)	ERC
Manual transfer and dilution	AISE_SWED_PW_8a_1	Eau	PROC 8a	60	ERC8a
Automatic transfer and dilution	AISE_SWED_PW_8b_1	Eau	PROC 8b	60	ERC8b

Personal Protective Equipment Eye/Face Protection: Safety glasses are not normally required. They are recommended for handling where there is a risk of splashes or splashes (EN 166).
Hand protection: Rinse and dry your hands after work. It is recommended to wear suitable gloves for prolonged contact. Repeated or prolonged contact: Chemically resistant protective gloves (EN374). Verify the glove manufacturer's instructions for permeability and penetration. Assess specific conditions of use such as risk of splashes, cuts, contact time and temperature.
Gloves are recommended for long-term contact: Material: butyl rubber Penetration time: ≥ 480 min Material thickness: ≥ 0.7 mm Gloves are recommended for protection against splashes: Material: nitrile rubber Penetration time: ≥ 30 min Material thickness: ≥ 0.4 mm After consultation with the supplier of protective gloves, another type providing similar protection can be selected. Not required for normal use.
Skin and body protection: Respiratory protection: There are no special requirements for normal use.
Limiting environmental exposure: When discharging used aqueous solutions into the sewer, observe the applicable legal regulations. Do not discharge undiluted or neutralized.

Recommended precautions for handling diluted product:

Highest recommended concentration (%): 40

Appropriate technical controls: Appropriate organizational controls: Ensure a good level of overall ventilation.
Users are advised to take into account national occupational exposure limit values or other similar values, where available.

REACH usage scenarios for a diluted product:

	SWED	LCS	WHY	Duration (min)	ERC
Automatic application in a specialized closed system	AISE_SWED_PW_1_1	Eau	PROC 1	480	ERC8a
Spray application	AISE_SWED_PW_11_1	Eau	PROC 11	60	ERC8a
Manual application	AISE_SWED_PW_19_1	Eau	PROC 19	480	ERC8a
Automatic application in a specialized system	AISE_SWED_PW_4_1	Eau	PROC 4	480	ERC8a

Personal protective equipment
Eye / Face Protection: Not required for normal use.
Hand protection: Not required for normal use.
Skin and body protection: Not required for normal use.
Respiratory protection: Application with a spray bottle: There are no special requirements for normal use. For compliance with workplace exposure limits, use technical measures if they are disposition.

Limiting exposure to life Environment: Not required for normal use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties The information in this section applies to the product, unless it is explicitly stated that it relates to the substance

	Method / Note
Condition: Liquid Color: Clear, No Color **Odor: Product Specific**	
Odor threshold: Not suitable here	
Melting Point / Freezing Point (°C): Not specified	Not relevant for the classification of this product See. Substance Details
Initial boiling point and boiling point range (°C): not specified	

Substance data, boiling point

Substance(s)	Value (°C)	Method Atmospheric pressure (hPa)
Phosphoric acid	158	Method Not Specified 1013

	Method / Note
Flammability (solids, gases): Not relevant for liquids	
Flammability (liquid): Non-flammable.	
Flash point (°C): Not suitable here.	
Burn support: Not suitable here. *(UN Manual of Tests and Criteria, Section 32, L.2)*	
Lower and upper explosion limits/flammability limits (%): Not listed	

Substance data, flammability or explosion limit values, if available:

	Method / Note
Auto-ignition temperature: Not specified	
Decomposition temperature: Not suitable here.	
pH: =< 2 (undiluted) diluted pH:	ISO 4316
< 2 (40%)	ISO 4316
Kinematic Viscosity: Undetermined	
Solubility/miscibility in water: perfectly miscible	

Particulars of the substance, water solubility

Substance(s)	Value (g/l)	Method Temperature (°C)
Phosphoric acid	Soluble	

For data on the substance, partition coefficient : n-octanol/water (log Ko/w) see subsection 12.3

	Method / Note
The same pair: Not specified	See. Substance Details

Substance data, vapour pressure

Substance(s)	Value (Pa)	Method Temperature (°C)
Phosphoric acid	4	Method not specified 20

	Method / Note
Relative Density: ≈ 1.11 (20°C)	OECD 109 (EU A.3)
Relative vapor density: -.	Not relevant for the classification of this product Not relevant for liquids.
Particle characteristics: Data not available.	

9.2 Additional Information
9.2.1. Information relating to physical hazard classes
Explosive properties: Explosion-proof
Oxidizing properties: Not oxidizing.
Corrosive for metals: Corrosive

9.2.2 Other Safety Characteristics Acid
Reserve: ≈ -6.0 (g NaOH / 100g; pH=4)

SECTION 10: Persistence and Reactivity

10.1 Reactivity
No dangerous reactions occur during normal use and storage.

10.2 Chemical stability
Stable under normal conditions (temperature and pressure) during storage and use.

10.3 Possibility of dangerous reactions
Under normal storage and use conditions, there are no dangerous reactions.

10.4 Conditions to be avoided
It is stable under normal use and storage.

10.5 Incompatible Materials
May be corrosive to metals. Store separately from products containing chlorine or sulfite-based bleaching agents.

10.6 Hazardous Decomposition Products
It is stable under normal use and storage.

SECTION 11: Toxicological information

11.1. Information on the hazard classes defined in Regulation (EC) No 1272/2008

Compound data:

Relevant calculated ATE(s):
ATE - Oral (mg/kg): >2000

Data on the substance, where relevant and available, are listed below:.

Acute toxicity
Acute oral toxicity

Substance(s)	Final state	Value (mg/kg)	Species	Method	Exposure time (h)	ATE (mg/kg)
Phosphoric acid	LD^{50}	> 300-5000	Rat	OECD 423 (EU B.1 tris)		Not specified

Acute dermal toxicity

Substance(s)	Final state	Value (mg/kg)	Species	Method	Exposure time (h)	ATE (mg/kg)
Phosphoric acid	LD^{50}	2740	Rabbit	Method not specified		Not specified

Acute inhalation toxicity

Substance(s)	Final state	Value (mg/l)	Species	Method	Exposure time (h)
Phosphoric acid	LC^{50}	850	Rat	Method not specified	2

Acute inhalation toxicity, continued

Substance(s)	ATE - inhalation, dust (mg/l)	ATE - inhalation, mist (mg/l)	ATE - inhalation, vapors (mg/l)	ATE - inhalation, gas (mg/l)
Phosphoric acid	Not specified	Not specified	Not specified	Not specified

Irritability and caustic
Skin irritation and causticness

Substance(s)	Result	Species	Method	Exposure time
Phosphoric acid	Corrosive	Rabbit	OECD 404 (EU B.4)	

Corrosive/irritating to the skin

Substance(s)	Result	Species	Method	Exposure time
Phosphoric acid	Serious damage	Rabbit	Method not specified	

Respiratory irritation and causticness

Substance(s)	Result	Species	Method	Exposure time
Phosphoric acid	Data not available			

Sensitization
Sensitization in contact with the skin

Substance(s)	Result	Species	Method	Exposure time (h)
Phosphoric acid	Not sensitizing	Man	Human experience	

Sensitization by inhalation

Substance(s)	Result	Species	Method	Exposure time
Phosphoric acid	Data not available			

Effects of CMR (carcinogenic, mutagenic or toxic to reproduction)

Mutagenicity

Substance(s)	Result (in vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vitro)
Phosphoric acid	No evidence of mutagenicity, negative test results	OECD 471 (EU B.12/13) OECD 473 OECD 476 (Mouse lymphoma)	Data not available	

Carcinogenicity

Substance(s)	Influence
Phosphoric acid	Data not available

Reproductive toxicity

Substance(s)	Final state	Specific effects	Value (mg/kg body weight/day)	Species	Method	Exposure time	Notes and other effects observed
Phosphoric acid	NOAEL	Developmental toxicity	410	Rat	OECD 422, Oral	10 day(s)	No evidence of reproductive toxicity No evidence of developmental toxicity

Repeated dose toxicity

Subacute or subchronic oral toxicity

Substance(s)	Final state	Value (mg/kg body weight/day)	Species	Method	Exposure time (days)	Specific effects on affected organs
Phosphoric acid	NOAEL	250	Rat	OECD 422, Oral		

Subchronic dermal toxicity

Substance(s)	Final state	Value (mg/kg body weight/day)	Species	Method	Exposure time (days)	Specific effects on affected organs
Phosphoric acid		Data not available				

Subchronic inhalation toxicity

Substance(s)	Final state	Value (mg/kg body weight/day)	Species	Method	Exposure time (days)	Specific effects on affected organs
Phosphoric acid		Data not available				

Chronic toxicity

Substance(s)	Method of exposure	Final state	Value (mg/kg body weight/day)	Species	Method	Exposure time (days)	Specific effects on affected organs	Note
Phosphoric acid			Data not available					

STOT - Specific Target Organ Toxicity - Single Exposure

Substance(s)	Affected organ(s)
Phosphoric acid	Data not available

STOT - Specific Target Organ Toxicity - Repeated Exposure

Substance(s)	Affected organ(s)
Phosphoric acid	Data not available

Danger if inhaled

Substances with non-useless by inhalation (H304), if present, are listed in Section 3.

Potential adverse health effects and symptoms
Effects and symptoms related to the product, if listed in subsection 4.2.

11.2 Information on other hazards
11.2.1. Endocrine-disrupting properties
Endocrine-disrupting properties - Human data, if available:

11.2.2. Additional information
No other relevant information is available.

SECTION 12: Environmental information

12.1 Toxicity

No data are available for mixtures.

Data on the substance, where relevant and available, are listed below:

Toxicity to aquatic organisms - short-term
Aquatic toxicity - short-term - fish

Substance(s)	Final state	Value (mg/l)	Species	Method	Exposure time (h)
Phosphoric acid	LC^{50}	138	*Gambusia affinis*	Method not specified	96

Aquatic toxicity - short-term - crustaceans

Substance(s)	Final state	Value (mg/l)	Species	Method	Exposure time (h)
Phosphoric acid	EC^{50}	> 100	*Daphnia magna Straus*	OECD 202 (EU C.2)	48

Toxicity to aquatic organisms - short-term - algae

Substance(s)	Final state	Value (mg/l)	Species	Method	Exposure time (h)
Phosphoric acid	EC^{50}	> 100	*Desmodesmus subspicatus*	OECD 201 (EU C.3)	72

Aquatic Toxicity - Short-Term - Marine Organisms

Substance(s)	Final state	Value (mg/l)	Species	Method	Exposure time (days)
Phosphoric acid		Data not available			

Impact on wastewater treatment plants - toxicity to bacteria

Substance(s)	Final state	Value (mg/l)	Inoculum	Method	Exposure time
Phosphoric acid	EC^{50}	270	*Activated sludge*	Method not specified	

Toxicity to aquatic organisms - long-term
Aquatic toxicity - fish

Substance(s)	Final state	Value (mg/l)	Species	Method	Exposure time	Observed effects
Phosphoric acid		Data not available				

Toxicity to aquatic organisms - crustaceans

Substance(s)	Final state	Value (mg/l)	Species	Method	Exposure time	Observed effects
Phosphoric acid		Data not available				

Toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

Substance(s) Final state		Value Type (mg/kg dry matter of sediment)		Method	Exposure time (days)	Observed effects
Phosphoric acid		Data not available				

Terrestrial toxicity

Terrestrial toxicity - earthworms, if available:

Substance(s) Final state		Value Type (mg/kg dry matter)		Method	Exposure time (days)	Observed effects
Phosphoric acid		Data not available				

Terrestrial toxicity - plants, if available:

Substance(s)	Final state	Value (mg/kg dry matter)	Species	Method	Exposure time (days)	Observed effects
Phosphoric acid		Data not available				

Terrestrial toxicity - birds, if available:

Substance(s)	Final state	Value	Species	Method	Exposure time (days)	Observed effects
Phosphoric acid		Data not available				

Terrestrial toxicity - beneficial insects, if available:

Substance(s)	Final state	Value (mg/kg dry matter)	Species	Method	Exposure time (days)	Observed effects
Phosphoric acid		Data not available				

Terrestrial toxicity - soil bacteria, if available:

Substance(s)	Final state	Value (mg/kg dry matter)	Species	Method	Exposure time (days)	Observed effects
Phosphoric acid		Data not available				

12.2 Persistence and degradability

Abiotic degradation

Abiotic decomposition - by photodegradation in air, if available:

Substance(s)	Half-life	Method	Reviews	Note
Phosphoric acid	Data not available			

Abiotic decomposition - hydrolysis, if available:

Substance(s)	Half-life in fresh water	Method	Reviews	Note
Phosphoric acid	Data not available			

Abiotic decomposition - other processes, if available:

Substance(s)	Type	Half-life	Method	Reviews	Note
Phosphoric acid		Data not available			

Biological degradation

Easy biodegradability - aerobic conditions

Substance(s)	Inoculum	Analytical method	DT_{50}	Method	Reviews
Phosphoric acid					Not applicable (inorganic substances)

Easy biodegradability – anaerobic and marine conditions, if available:

Substance(s)	Medium and type	Analytical method	DT_{50} Method		Reviews
Phosphoric acid					Data not available

Degradation in relevant environmental compartments, if available:

Substance(s) Medium and type	Analytical	DT_{50}	Method	Reviews

		Method			
Phosphoric acid					Data not available

12.3 Bioaccumulation potential

Partition coefficient n-octanol/water (log Ko/w)

Substance(s)	Value	Evaluation method		Note
Phosphoric acid	Data not available		Bioaccumulation is not expected	

Bioconcentration factor (BCF)

Substance(s)	Value	Species	Method	Reviews	Note
Phosphoric acid	Data not available			Bioaccumulation is not expected	

12.4 Mobility in the soil

Adsorption/Desorption to soil or sediment

Substance(s)	Adsorbent Coefficient Log Koc	Desorbion coefficient Log Koc(des)	Method	Soil/sediment type	Reviews
Phosphoric acid	Data not available				Potential for mobility in soil, soluble in water

12.5. PBT and vPvB assessment results

Substances that meet the PBT/vPvB criteria are listed in Section 3, if any.

12.6 Endocrine-disrupting properties

Endocrine disrupting properties - Environmental effects, if available:

12.7 Other adverse effects

There are no other known side effects.

SECTION 13: Removal Instructions

13.1. Waste management methods

Product residues as waste/unused products: Comply with applicable legislation, laws, decrees and regulations on waste. Hand over it for professional disposal (e.g. incineration) to a company that deals with waste disposal, or arrange it according to your permit. Waste should not be disposed of by release into the sewer.

Waste catalogue: 20 01 29* Detergents containing hazardous substances.

Empty packaging Recommendations: Comply with applicable legislation, laws, decrees and regulations on waste. The packaging material is suitable for energy recovery or recycling. Water, with detergent if necessary.

Suitable cleaning agents:

Act on Waste and on the Amendment of Certain Other Acts No. 541/2020 Coll., as amended, and related implementing regulations

SECTION 14: Shipping Information

Land Transport (ADR/RID), Maritime Transport (IMDG), Air Freight (ICAO-TI / IATA-DGR)

14.1 UN Number or ID Number: 1805

14.2 Official (UN) naming for transport:

Phosphoric acid, Phosphoric acid solution, solution

14.3. Transport hazard class(s): Transport hazard class (and ancillary risks): 8

14.4 Packaging group: III

14.5 Environmental hazard: Endangers the environment: No

Marine pollutant: No

14.6 Special precautions for users: Not known.

14.7 Ocean bulk transport according to IMO instruments: The product is not transported in tanks on ships.

Other important information: ADR
Classification code: C1
Tunnel Restriction Code: (E)
Hazard identification number: 80
IMO/IMDG
EmS: F-A, S-B

The product is classified, labelled and packaged in accordance with the requirements of the ADR and the provisions of the IMDG Code An exception to the ADR applies to small volume packaging.

SECTION 15: Regulatory Information

15.1. Safety, health and environmental rules/specific legislation relating to the substance or mixture

EU Regulation:
- Regulation (EC) No 1907/2006 - REACH
- Regulation (EC) No 1272/2008 - CLP
- Regulation (EC) No 648/2004 - Detergents Regulation
- substances that have been identified as having endocrine-disrupting properties according to the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605
- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Transport of Dangerous Goods by Sea (IMDG)

Authorisation or restriction (EC Regulation No. 1907/2006, Title VII and Title VIII, respectively) Not relevant here.

Ingredients according to Regulation 648/2004/EC on detergents:
Non-ionic surfactants < 5 %

The surfactant(s) contained in the product complies with the biodegradability requirements set out in Regulation (EC) 648/2004 on detergents. The data confirming this declaration shall be made available to the competent authorities of the Member States and shall be made available to them at their direct request or at the request of the detergent manufacturer.

Seveso - Classification: Unclassified

15.2. Chemical Safety Assessment
No chemical safety assessment of the mixture has been performed.

SECTION 16: Additional Information

The data in the Safety Data Sheet is based on the current state of our knowledge and information available at the time the Safety Data Sheet is processed. However, this does not constitute a guarantee of product properties and does not provide for a legally binding contract.

Safety Data Sheet Code: MS1004309 **Version:** 01.1 **Revision: 2023-01-19**

Reason for revision:
Complies with Appendix II of Regulation (EC) 1907/2006 as amended by Regulation (EC) 2020/878, This safety data sheet contains changes from the previous version in section(s): 1, 4, 6, 8, 15, 16

Method of classification
The classification of the mixture shall be carried out on the basis of the calculation method using the substance data as specified in Regulation (EC) No 1272/2008. If data are available for the mixture, e.g. based on extrapolation principles or conclusive evidence for classification, this will be reported in the relevant parts of the safety data sheet, e.g. in Section 9 Physical and chemical properties, Section 11 Toxicological information or Section 12 Ecological information.

Texts H and EUH of the sentences referred to in Section 3:
- H290 - May be corrosive to metals.
- H314 - Causes severe skin burns and eye damage.
- H318 - Causes serious eye damage.

Abbreviations and acronyms:
- AISE - The international Association for Soaps, Detergents and Maintenance Products (international organization)
- ATE - Acute Toxicity Estimation
- DNEL - a derived level at which there are no adverse effects
- EC50 - effective concentration, 50%
- ERC - Environmental release category
- EUH - CLP additional hazard statements
- LC50 - lethal concentration, 50%

- LCS - Life Cycle Stage
- LD50 - lethal dose, 50%
- NOAEL - Dose value with no observed adverse effect
- NOEL - dose value with no observed effect
- OECD - Organisation for Economic Co-operation and Development
- PBT - persistent, bioaccumulative and toxic
- PNEC - estimate of the concentration at which no adverse effects occur
- PROC - Process Categories
- REACH number - REACH registration number without the part that specifies the supplier
- vPvB - Ihighly persistent and highly bioaccumulative