

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Trade name : SUPER CLEAN WM  
Product code : M2WCP050  
UFI : US00-G0VQ-J004-MEY5

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Intended for general public  
Use of the substance/mixture : Consumer use  
Professional use  
Degreaser  
Washing machine care agents

**1.2.2. Uses advised against**

Restrictions on use : Uses other than those recommended

**1.3. Details of the supplier of the safety data sheet****Distributor**

Electrolux AB Appliance |  
S.t Göransgatan 143, SE-112 17 Stockholm (Sweden)  
Tel. +46 8-738 60 00  
Chemicals.Support@electrolux.com

**1.4. Emergency telephone number**

Emergency number : 08-738 60 00 (from 08,30 to 12,30 - from 14,00 to 18,00)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Skin corrosion/irritation, Category 1, Sub-Category 1B	H314
Serious eye damage/eye irritation, Category 1	H318
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335

Full text of H- and EUH-statements: see section 16

**Adverse physicochemical, human health and environmental effects**

Causes severe skin burns and eye damage. Corneal opacity. Iris lesions. Following inhalation: Irritation of the respiratory tract.

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :



GHS05

GHS07

Signal word (CLP) :

Danger

Contains :

disodium metasilicate; Alcohols, C12-15, branched and linear, ethoxylated; Undecanol, branched and linear, ethoxylated, propoxylated ( $\geq 2,5$  moles EO/PO)

Hazard statements (CLP) :

H314 - Causes severe skin burns and eye damage.  
H335 - May cause respiratory irritation.

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Precautionary statements (CLP)	: P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P261 - Avoid breathing dust. P264 - Wash hands thoroughly after handling. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTRE or doctor if you feel unwell. P405 - Store locked up.
Extra phrases	: Detergent Regulation (648/2004/EC) 5-15 % non-ionic surfactants, oxygen-based bleaching agents; < 5% phosphonates, zeolites.

### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII  
Contains no PBT/vPvB substances  $\geq 0.1\%$  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 carbonate	CAS-No.: 497-19-8 EC-No.: 207-838-8 EC Index-No.: 011-005-00-2 REACH-no: 01-2119485498-19	20 – 30	Eye Irrit. 2, H319
disodium metasilicate	CAS-No.: 6834-92-0 EC-No.: 229-912-9 EC Index-No.: 014-010-00-8 REACH-no: 01-2119449811-37	20 – 30	Met. Corr. 1, H290 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335
Disodium carbonate, compound with hydrogen peroxide (2:3)	CAS-No.: 15630-89-4 EC-No.: 239-707-6 REACH-no: 01-2119457268-30	10 – 20	Ox. Sol. 3, H272 Acute Tox. 4 (Oral), H302 (ATE=1034 mg/kg bodyweight) Eye Dam. 1, H318
Alcohols, C12-15, branched and linear, ethoxylated	CAS-No.: 106232-83-1 EC-No.: 932-186-2	3 – 5	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Dam. 1, H318 Aquatic Chronic 3, H412
Undecanol, branched and linear, ethoxylated, propoxylated ( $\geq 2,5$ moles EO/PO)	EC-No.: 940-634-3	3 – 5	Eye Dam. 1, H318
Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt	CAS-No.: 3794-83-0 EC-No.: 223-267-7 REACH-no: 01-2119647955-23	1 – 3	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Irrit. 2, H319

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
Disodium carbonate, compound with hydrogen peroxide (2:3)	CAS-No.: 15630-89-4 EC-No.: 239-707-6 REACH-no: 01-2119457268-30	( 7.5 ≤C < 25) Eye Irrit. 2, H319 ( 25 <C ≤ 100) Eye Dam. 1, H318
Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt	CAS-No.: 3794-83-0 EC-No.: 223-267-7 REACH-no: 01-2119647955-23	( 30 <C ≤ 100) Eye Irrit. 2, H319

Full text of H- and EUH-statements: see section 16

## 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. Allow the victim to rest. Call a physician immediately.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water and soap. Do not apply (chemical) neutralizing agents. Take off immediately all contaminated clothing and wash it before reuse.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum).
First-aid measures after ingestion	: Remove casualty to fresh air and keep warm and at rest. Do not induce vomiting. Seek immediate medical advice.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	: Material is destructive to tissue of the mucous membranes and upper respiratory tract. Cough, shortness of breath, headache, nausea.
-----------------------------------	----------------------------------------------------------------------------------------------------------------------------------------

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

see section(s) : 4.1.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: dry chemical powder, alcohol-resistant foam, carbon dioxide (CO <sub>2</sub> ).
------------------------------	-----------------------------------------------------------------------------------

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
--------------------------------------------------	--------------------------------

### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray to disperse the vapours. In confined space use self-contained breathing apparatus.
Protective equipment for firefighters	: Wear proper protective equipment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Evacuate unnecessary personnel.
------------------	-----------------------------------

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel. Do not smoke.

### 6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

## 6.2. Environmental precautions

Prevent spillage from spreading by using sand or earth. Notify authorities if liquid enters sewers or public waters.

## 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Sweep up spilled material without making dust. Then wash with plenty of water.

## 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations". For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Exercise customary precautions when handling chemicals.  
Hygiene measures : Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from humidity and water.  
Incompatible materials : Bases. Oxidising agents. Reducing agents.  
Heat and ignition sources : Keep away from open flames, hot surfaces and sources of ignition.  
Storage area : Keep only in the original container in a cool well ventilated place.  
Packaging materials : Keep only in the original container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

sodium carbonate (497-19-8)	
Romania - Occupational Exposure Limits	
Local name	Carbonat de sodiu
OEL TWA	1 mg/m <sup>3</sup>
OEL STEL	3 mg/m <sup>3</sup>
Regulatory reference	Hotărârea Guvernului nr. 1.218/2006 (Hotărârea nr. 53/2021)

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 8.1.4. DNEL and PNEC

<b>sodium carbonate (497-19-8)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - local effects, inhalation	10 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - local effects, inhalation	10 mg/m <sup>3</sup>
Long-term - local effects, inhalation	10 mg/m <sup>3</sup>
<b>disodium metasilicate (6834-92-0)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, inhalation	10 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - systemic effects, inhalation	10 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	7.5 mg/l
PNEC aqua (marine water)	1 mg/l
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	1000 mg/l
<b>Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)</b>	
<b>DNEL/DMEL (Workers)</b>	
Acute - systemic effects, inhalation	12.8 mg/m <sup>3</sup>
Long-term - local effects, dermal	12.8 mg/m <sup>3</sup>
Long-term - local effects, inhalation	5 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - local effects, dermal	6.4 mg/cm <sup>2</sup>
Long-term - local effects, dermal	6.4 mg/cm <sup>2</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.035 mg/l
PNEC aqua (marine water)	0.035 mg/l
PNEC aqua (intermittent, freshwater)	0.035 mg/l
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	16.24 mg/l
<b>Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt (3794-83-0)</b>	
<b>DNEL/DMEL (Workers)</b>	
Long-term - systemic effects, dermal	48 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	16.9 mg/m <sup>3</sup>
Long-term - local effects, inhalation	10 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Long-term - systemic effects, oral	2.4 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	4.2 mg/m <sup>3</sup>

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt (3794-83-0)	
Long-term - systemic effects, dermal	24 mg/kg bodyweight/day
Long-term - local effects, inhalation	10 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.0963 mg/l
PNEC aqua (marine water)	0.00963 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	193 mg/kg dwt
PNEC sediment (marine water)	19.3 mg/kg dwt
<b>PNEC (Soil)</b>	
PNEC soil	14 mg/kg dwt
<b>PNEC (Oral)</b>	
PNEC oral (secondary poisoning)	5.3 mg/kg food
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	58 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:

Safety glasses. Wear protective gloves. Wear protective clothing. Wear a mask.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses. Use eye protection according to EN 166.

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Wear suitable gloves tested to EN374. Breakthrough time : 30 min. Latex gloves. Protective gloves made of PVC. Neoprene or nitrile rubber gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Wear appropriate mask. EN 149. Wear suitable respiratory equipment in case of insufficient ventilation

#### 8.2.2.4. Thermal hazards

No additional information available

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: white.
Odour	: Odourless.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not applicable
Boiling point	: Not applicable
Flammability	: Not flammable
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Study scientifically unjustified.
Auto-ignition temperature	: Not determined
Decomposition temperature	: > 200 °C
pH	: 10 +/- 0.5
pH solution concentration	: 1 %
Viscosity, kinematic	: Not applicable
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Partition coefficient n-octanol/water (Log Pow)	: Not applicable for mixtures
Vapour pressure	: Not relevant
Vapour pressure at 50°C	: Not available
Density	: 1.3 kg/m³ +/- 0.050 @ 20 °C
Relative density	: Not determined
Relative vapour density at 20°C	: Not determined
Particle size	: Not determined
Particle size distribution	: Not determined
Particle shape	: Not determined
Particle aggregation state	: Not determined

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

VOC content : 0 %

## 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

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Bases. Reducing agents. Oxidizing agents. Do not mix with other chemicals.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

#### sodium carbonate (497-19-8)

LD50 oral rat	2800 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight
LC50 Inhalation - Rat	> 2300 mg/m <sup>3</sup>

#### disodium metasilicate (6834-92-0)

LD50 oral rat	1152 – 1349 mg/kg bodyweight
LD50 dermal rat	> 5000 mg/kg bodyweight
LC50 Inhalation - Rat	> 2.06 g/m <sup>3</sup>

#### Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)

LD50 oral rat	1034 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight
ATE CLP (oral)	1034 mg/kg bodyweight

#### Alcohols, C12-15, branched and linear, ethoxylated (106232-83-1)

ATE CLP (oral)	500 mg/kg bodyweight
----------------	----------------------

#### Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt (3794-83-0)

LD50 oral rat	2850 mg/kg bodyweight
LD50 dermal rabbit	5000 mg/kg bodyweight
ATE CLP (oral)	500 mg/kg bodyweight

Skin corrosion/irritation : Causes severe skin burns.  
pH: 10 +/- 0.5  
Serious eye damage/irritation : Causes serious eye damage.  
pH: 10 +/- 0.5  
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)  
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)  
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)  
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)  
STOT-single exposure : May cause respiratory irritation.

#### disodium metasilicate (6834-92-0)

STOT-single exposure	May cause respiratory irritation.
----------------------	-----------------------------------

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)



# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

### SUPER CLEAN WM

Viscosity, kinematic	Not applicable
----------------------	----------------

## 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : 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 %

### 11.2.2. Other information

Potential Adverse human health effects and symptoms : sodium carbonate, In case of repeated or prolonged exposure : May cause irritation to the respiratory tract, May cause moderate irritation to the eyes, disodium carbonate, compound with hydrogen peroxide (2:3), May cause skin irritation / dermatitis, May cause respiratory irritation, May cause slight irritation to eyes

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye

## 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 carbonate (497-19-8)

LC50 - Fish [1]	300 mg/l Test organisms (species): Lepomis macrochirus
EC50 - Crustacea [1]	200 mg/l Ceriodaphnia sp. - OECD 202

#### disodium metasilicate (6834-92-0)

LC50 - Fish [1]	210 mg/l
EC50 - Crustacea [1]	1700 mg/l Daphnia magna
ErC50 algae	207 mg/l

#### Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)

LC50 - Fish [1]	70.7 mg/l Pimephales promelas
EC50 - Crustacea [1]	4.9 ml/l Daphnia pulex
NOEC chronic fish	7.4 mg/l
NOEC chronic crustacea	2 mg/l

#### Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt (3794-83-0)

LC50 - Fish [1]	278 mg/l Onchorhynchus mykiss - OECD 204
EC50 - Crustacea [1]	754 mg/l Daphnia magna - US EPA 1975

## 12.2. Persistence and degradability

### SUPER CLEAN WM

Persistence and degradability	Not established.
-------------------------------	------------------

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

<b>sodium carbonate (497-19-8)</b>	
Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
<b>disodium metasilicate (6834-92-0)</b>	
Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
<b>Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)</b>	
Persistence and degradability	The methods for determining biodegradability are not applicable to inorganic substances.
<b>Alcohols, C12-15, branched and linear, ethoxylated (106232-83-1)</b>	
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.
<b>Undecanol, branched and linear, ethoxylated, propoxylated (<math>\geq 2,5</math> moles EO/PO)</b>	
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.
<b>Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt (3794-83-0)</b>	
Persistence and degradability	Not readily biodegradable. Test time: 5 d.

### 12.3. Bioaccumulative potential

<b>SUPER CLEAN WM</b>	
Partition coefficient n-octanol/water (Log Pow)	Not applicable for mixtures
Bioaccumulative potential	Not established.
<b>sodium carbonate (497-19-8)</b>	
Partition coefficient n-octanol/water (Log Pow)	Not applicable
Bioaccumulative potential	No bioaccumulation.
<b>disodium metasilicate (6834-92-0)</b>	
Partition coefficient n-octanol/water (Log Pow)	Not applicable
<b>Disodium carbonate, compound with hydrogen peroxide (2:3) (15630-89-4)</b>	
BCF - Fish [1]	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	Not applicable
<b>Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt (3794-83-0)</b>	
BCF - Fish [1]	< 1 mg/kg
Bioconcentration factor (BCF REACH)	2
Partition coefficient n-octanol/water (Log Pow)	-3 @23°C

### 12.4. Mobility in soil

<b>Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt (3794-83-0)</b>	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	4.6

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 12.5. Results of PBT and vPvB assessment

#### SUPER CLEAN WM

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: 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 %.

### 12.7. Other adverse effects

Additional information

: Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations

: Dispose of in a safe manner in accordance with local/national regulations.

Ecology - waste materials

: Avoid release to the environment.

European List of Waste (LoW) code

: 15 01 10\* - packaging containing residues of or contaminated by dangerous substances  
20 01 29\* - detergents containing dangerous substances

HP Code

: HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration.






HP8 - "Corrosive:" waste which on application can cause skin corrosion.

R code/ D code

: R13 - Storage of waste pending any of the operations numbered R 1 to R 12 (excluding temporary storage, pending collection, on the site where the waste is produced)

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
UN 3253	UN 3253	UN 3253	UN 3253	UN 3253
<b>14.2. UN proper shipping name</b>				
DISODIUM TRIOXOSILICATE IN A MIXTURE	DISODIUM TRIOXOSILICATE IN A MIXTURE	DISODIUM TRIOXOSILICATE IN A MIXTURE	DISODIUM TRIOXOSILICATE IN A MIXTURE	DISODIUM TRIOXOSILICATE IN A MIXTURE
<b>Transport document description</b>				
UN 3253 DISODIUM TRIOXOSILICATE IN A MIXTURE, 8, III, (E)	UN 3253 DISODIUM TRIOXOSILICATE IN A MIXTURE, 8, III	UN 3253 DISODIUM TRIOXOSILICATE IN A MIXTURE, 8, III	UN 3253 DISODIUM TRIOXOSILICATE IN A MIXTURE, 8, III	UN 3253 DISODIUM TRIOXOSILICATE IN A MIXTURE, 8, III
<b>14.3. Transport hazard class(es)</b>				
8	8	8	8	8
				

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

ADR	IMDG	IATA	ADN	RID
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR)	: C6
Limited quantities (ADR)	: 5kg
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P002, IBC08, LP02, R001
Special packing provisions (ADR)	: B3
Mixed packing provisions (ADR)	: MP10
Portable tank and bulk container instructions (ADR)	: T1
Portable tank and bulk container special provisions (ADR)	: TP33
Tank code (ADR)	: SGAV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Bulk (ADR)	: VC1, VC2, AP7
Hazard identification number (Kemler No.)	: 80
Orange plates	:



Tunnel restriction code (ADR)	: E
-------------------------------	-----

#### Transport by sea

Limited quantities (IMDG)	: 5 kg
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P002, LP02
IBC packing instructions (IMDG)	: IBC08
IBC special provisions (IMDG)	: B3
Tank instructions (IMDG)	: T1
Tank special provisions (IMDG)	: TP33
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: A
Segregation (IMDG)	: SGG18, SG35
Properties and observations (IMDG)	: Colourless hygroscopic solid. Dangerous reaction with oxidizers. In the presence of moisture, reacts with aluminium, zinc, tin and their compounds, evolving hydrogen, a flammable gas. Causes burns to skin, eyes and mucous membranes. Reacts violently with acids.

#### Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y845
PCA limited quantity max net quantity (IATA)	: 5kg
PCA packing instructions (IATA)	: 860
PCA max net quantity (IATA)	: 25kg
CAO packing instructions (IATA)	: 864
CAO max net quantity (IATA)	: 100kg
Special provisions (IATA)	: A803
ERG code (IATA)	: 8L

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Inland waterway transport

Classification code (ADN) : C6  
Limited quantities (ADN) : 5 kg  
Excepted quantities (ADN) : E1  
Equipment required (ADN) : PP, EP  
Number of blue cones/lights (ADN) : 0

### Rail transport

Classification code (RID) : C6  
Limited quantities (RID) : 5kg  
Excepted quantities (RID) : E1  
Packing instructions (RID) : P002, IBC08, LP02, R001  
Special packing provisions (RID) : B3  
Mixed packing provisions (RID) : MP10  
Portable tank and bulk container instructions (RID) : T1  
Portable tank and bulk container special provisions (RID) : TP33  
Tank codes for RID tanks (RID) : SGAV  
Transport category (RID) : 3  
Special provisions for carriage – Bulk (RID) : VC1, VC2, AP7  
Colis express (express parcels) (RID) : CE11  
Hazard identification number (RID) : 80

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)	
Reference code	Applicable on
3(b)	Alcohols, C12-15, branched and linear, ethoxylated ; Undecanol, branched and linear, ethoxylated, propoxylated ( $\geq 2,5$ moles EO/PO)
3(c)	Alcohols, C12-15, branched and linear, ethoxylated

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### VOC Directive (2004/42)

VOC content : 0 %

##### 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)

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### 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

##### Germany

- Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).  
Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
- Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1).
- Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

##### Netherlands

- SZW-lijst van kankerverwekkende stoffen : None of the components are listed
- SZW-lijst van mutagene stoffen : None of the components are listed
- SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed
- SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed
- SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

##### Denmark

- Danish National Regulations : Young people under 18 years are not allowed to use the product

#### 15.2. Chemical safety assessment

A Chemical Safety Assessment is not required for this substance

This safety data sheet contains an ES in an integrated form. Contents of the exposure scenario have been included into sections 1.2, 8, 9, 12, 15 and 16 of this safety data sheet..

## SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	Overland transport (ADR)
ATE	ATE - acute toxicity estimate
BCF	BCF - bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Effective concentration for 50 percent of test population (median effective concentration)
EN	European Standard
IARC	IARC (International Agency for Research on Cancer)
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal concentration for 50 percent of test population (median lethal concentration)
LD50	Lethal dose for 50 percent of test population (median lethal dose)
LOAEL	Lowest Observed Adverse Effect Level

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Abbreviations and acronyms:

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
OEL	Occupational Exposure Limit
PBT	PBT - Persistent, Bioaccumulative and Toxic substance
PNEC	Predicted No-Effect Concentration
RID	Regulation concerning the International Carriage of Dangerous Goods by Railways
SDS	SDS - Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
vPvB	vPvB - Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties
N.O.S.	Not Otherwise Specified

Sources of Key data : 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 (et sequens). Detergent Regulation (648/2004/EC).

Other information : None.

### Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.
Met. Corr. 1	Corrosive to metals, Category 1
Ox. Sol. 3	Oxidising Solids, Category 3
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

# SUPER CLEAN WM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Corr. 1B	H314	Calculation method
Eye Dam. 1	H318	Calculation method
STOT SE 3	H335	Concentration limits

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.