

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

1.1. Product identifier

Commercial name : **SUPER CLEAN WM: 9029799310**

ISS code

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

Consumer uses [SU21], Professional uses [SU22] : **Detergent, powder degreaser for washing machine**

Not recommended uses : **All those not specifically identified on the label**

1.3. Details of the supplier of the safety data sheet

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tel. +39 3464232984

e-mail competent person: gbchemsrl@yahoo.it

DISTRIBUTED BY

Electrolux Appliances AB, S.t Göransgatan 143, 112 17 Stockholm

Tel. +46 8-738 60 00

1.4. Emergency telephone number

+39 3464232984 (from 08,30 to 12,30 - from 14,00 to 18,00)

In section 16 of this card are listed some anti-poison centers in Europe

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008

Pictograms : GHS05, GHS07

Class and danger category codes : STOT SE 3, Skin Corr. 1B

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

2.1.2 Adverse effects

Corrosive product: causes severe skin burns and eye damage. If inhaled the product, causes irritations to the respiratory tract.

2.2. Label elements

Labeling in accordance with Regulation (EC) No. 1272/2008:

Pictograms : GHS05, GHS07

Signal Word Code(s) : DANGER

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



DANGER

Precautionary statements

General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children

Prevention

P261 - Avoid breathing dust.

P280 - Wear protective gloves/ protective clothing/eye protection/face protection.

Response

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/ 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.

P310 - Immediately call a POISON CENTER/doctor.

Storage

P405 - Store locked up.

Disposal

P501 - Dispose of contents/ container to in accordance with local/national regulation

Contains: Sodium metasilicate; Undecanol, ethoxylated, propoxylated; Alcohols, C12-15, ethoxylated

Ingredients (Reg. 648/2004): < 5% phosphonate, zeolites;>5 <15% non-ionic surfactant, oxygen-based bleaching agents

2.3. Other hazards

Packagings must be fitted with child safety locks and must bear a recognizable warning to the touch.

SECTION 3: Composition/information on ingredients

3.1. Composition/information on ingredients

Refer to Section 16 for full text of hazard statements.

Substance	Concentration	Classification	CAS	EINECS	REACH
Sodium carbonate	≥ 20 < 30%	Eye Irrit. 2, H319	497-19-8	207-838-8	01-2119485498-19
Sodium metasilicate pentahydrate	≥ 20 < 30%	Skin Corr. 1B, H314; STOT SE 3, H335	10213-79-3	229-912-9	--
Disodium carbonate, compound with hydrogen peroxide (2:3)	≥ 10 < 20%	Ox. Sol. 3, H272; Acute Tox. 4, H302; Eye Dam. 1, H318	15630-89-4	239-707-6	01-2119457268-30
Alcohols, C12-15, branched and linear, ethoxylated	≥ 3 < 5%	Acute Tox. 4, H302; Eye Dam. 1, H318	106232-83-1	932-186-2	--
Undecanol, branched and linear, ethoxylated, propoxylated (>=2,5 moles EO/PO)	≥ 3 < 5%	Eye Dam. 1, H318	--	940-634-3	--
Tetrasodium (1-hydroxyethylidene) bisphosphonate	≥ 1 < 3%	Met. Corr. 1, H290; Acute Tox. 4, H302; Eye Irrit. 2, H319	3794-83-0	223-267-7	01-2119647955-23

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Get away from the polluted area and keep the injured person resting in an aerated environment. CONSULT A DOCTOR.

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Direct contact with skin (of pure product): Remove contaminated clothing and wash them before re-use. Wash the parts that come into contact with the product, even if only suspect, using plenty of water and soap. Do not use neutralizing substances and do not apply ointments before 24 hours or without the doctor's instructions. CONSULT A DOCTOR.

Direct contact with eyes (of pure product): Wash immediately and abundantly, for at least 15 minutes, with running water, keeping the eyelids open; Then protect your eyes with dry sterile gauze and seek medical specialist services. Do not use eye drops or ointments of any kind without specific medical prescription.

Ingestion: SEEK IMMEDIATELY TO THE HEALTH OF A DOCTOR. Do not induce vomiting and do not give anything without the supervision of health care personnel. Keep the injured person at rest in an aerated environment.

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

Powders damage mucous membranes and upper respiratory tract, eyes and skin. The symptoms are: cough, shortness of breath, headache, nausea, vomiting.

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

See section 4.1 Description of First Aid Measures.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : CO₂, Chemical powder, alcohol resistant foam.

Unsuitable extinguishing media : None in particular.

5.2. Special hazards arising from the substance or mixture

During the combustion, fumes that are potentially harmful to health can develop.

5.3. Advice for firefighters

Use protective clothing for the respiratory tract, eyes and skin. Sprayed water can be used to disperse vapours and protect people involved in extinction. It is also advisable to use self-contained breathing apparatus, especially if it is operated in closed and poorly ventilated. Wear protective equipment specific to the fire fighting team.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Get away from the area around the spill or release. Not smoking.

For emergency responders : General Information: Use suitable personal protective equipment as indicated in Section 8.

Precautionary measures directed at people : Eliminate any source of ignition (cigarettes, flames, etc.) or the heat from the area in which the loss occurred.

6.2. Environmental precautions

Contain leaks with soil or sand while avoiding discharge into surface water and / or sewage systems. If the product is flushed in large quantities in a watercourse or contaminated soil or vegetation, advise the competent authorities.

6.3. Methods and material for containment and cleaning up

Collect the product for re-use or disposal, taking care not to induce dust. After collection, wash with plenty of water the area and the materials involved.

6.4. Reference to other sections

Refer to points 8 and 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Normal handling of chemical products by protecting against accidental contact. Do not smoke, do not eat, do not drink while handling.

7.2. Conditions for safe storage, including any incompatibilities

Store in original packaging in a cool, ventilated place away from sources of heat. Sensitive to moisture.

7.3. Specific end use(s)

Consumer uses [SU21], Professional uses [SU22]: Read the instructions on the label

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Substance: disodium carbonate, compound with hydrogen peroxide (2:3)

DNEL
Systemic effects Long term Inhalation workers = 5 (mg/m³) Systemic Effects Long Term Dermic Workers = 12,8 (mg/kg bw/day)
Systemic Effects Long term Dermic Consumers = 6,4 (mg/kg bw/day) Systemic Effects Short Term Dermic Consumers = 6,4 (mg/kg bw/day)

PNEC
Fresh water = 0,035 (mg/l) Sea water = 0,035 (mg/l) STP = 16,24 (mg/l)

Substance: Sodium carbonate

DNEL
Systemic effects Long term Inhalation workers = 10 (mg/m³) Local Effects Short Term Inhalation Workers = 10 (mg/m³)

8.2. Exposure controls

Individual protection measures

- Eye/face protection
When handling the pure product, use safety goggles with side protection in accordance with EN-166
- Skin protection
 - Hand protection
Use waterproof gloves with long wrist. Category II. The material may be: latex or, for those who suffer from allergies to this material, nitrile. The thickness of the gloves and the presence of the inner lining depend on many variables, including the comfort of the operator. Then it is suggested to test the gloves before determining the type and model to be used.
 - Other
Avoid direct contact with the skin using suitable protective clothing.
- Respiratory protection
Not necessary for normal use. In the event of dust use, use respiratory protection devices in accordance with UNI EN 529: 2006 (Respiratory Protection Devices - Recommendations for Selection, Use, Care and Maintenance - Document Guide) by establishing the appropriate FPO value "operational protection factor".
- Thermal hazards
Avoid exposure to naked flames.

Environmental exposure controls: Avoid misleading product release into the environment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value
Appearance	White powder
Odour	Characteristic
Odour threshold	Not available
pH at 20°C	Pure: Not relevant In 1% solution: 10.0 ± 0.5
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not relevant
Evaporation rate	Not relevant
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	Not available
Solubility(ies)	Soluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not relevant
Explosive properties	Not available
Oxidising properties	Not available

9.2. Other information

No further data available

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no known reactivity phenomena in normal use conditions.

10.2. Chemical stability

Stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

None known under normal conditions of use.

10.4. Conditions to avoid

Do not mix with other chemicals in general. Keep away from moisture and heat.

10.5. Incompatible materials

Strongly acidic and strong reducing chemicals. Oxidising substances

10.6. Hazardous decomposition products

Under normal conditions it does not decompose.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

ATE(mix) oral = 2272,7 mg/kg

ATE(mix) dermal = not available

ATE(mix) inhal = not available

- | | |
|--------------------------------------|---|
| a) acute toxicity | : Based on available data, the classification criteria are not met |
| b) skin corrosion/irritation; | : Corrosive product: causes severe skin burns |
| c) serious eye damage/irritation | : Corrosive product: causes serious eye damage. |
| d) respiratory or skin sensitisation | : Based on available data, the classification criteria are not met |
| e) germ cell mutagenicity | : Based on available data, the classification criteria are not met |
| f) carcinogenicity | : Based on available data, the classification criteria are not met |
| g) reproductive toxicity | : Based on available data, the classification criteria are not met |
| h) STOT-single exposure | : If inhaled the product, causes irritations to the respiratory tract |
| i) STOT-repeated exposure | : Based on available data, the classification criteria are not met |
| j) aspiration hazard | : Based on available data, the classification criteria are not met |

Regarding the substances contained:

Sodium carbonate

INHALATION RISKS

: A harmful concentration of airborne particles can be reached quickly if powdered.

EFFECTS OF SHORT-TERM EXPOSURE

: The substance is irritating to the eyes, the skin and the respiratory tract.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE

: The substance may have effects on the respiratory tract, causing perforation of the nasal septum. Repeated or prolonged contact with the skin may cause dermatitis.

ACUTE RISKS / SYMPTOMS

INHALATION : Cough. Sore throat.

SKIN : Redness.

INGESTION : Burning sensation in throat and chest. Abdominal pain.

LD50 Oral (rat) (mg/kg di body weight) = 4090

LD50 cutaneous (rat or rabbit) (mg/kg di body weight) = 117

CL50 Inhalation (rat) of fumes / dust / aerosol / smoke (mg/1/4h) or gas (ppmV/4h) = 5200

Sodium metasilicate pentahydrate

EXPOSITION VIEWS : The substance can be absorbed into the body by inhalation of its aerosol and by ingestion.

INHALATION RISKS

: Evaporation at 20 ° C is negligible; A harmful concentration of dispersed air particles can, however, be achieved quickly when dispersed in powder form.

EFFECTS OF SHORT-TERM EXPOSURE : The substance is corrosive to the eyes, the skin and the respiratory tract. Corrosive by ingestion.

ACUTE RISKS / SYMPTOMS

INHALATION : Sore throat. Burning sensation. Cough. Breathable breathing.
SKIN : Redness. Pain. Skin burns.
EYES : Redness. Pain. Skin burns.
INGESTION : Burning sensation. Abdominal pain. Shock or collapse.

SECTION 12: Ecological information**12.1. Toxicity**

Use according to good working practices, avoid dispersing the product in the environment.

12.2. Persistence and degradability

The surfactants contained in this formulation comply with the biodegradability criteria established by the EC / 648/2004 Detergent Regulation. All supporting data shall be made available to the competent authorities of the Member States and shall be provided, at their express request or at the request of a producer of the formulation, to those authorities.

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB assessment

The substance / mixture does not contain PBT / vPvB substances according to Regulation (EC) 1907/2006, Annex XIII.

12.6. Other adverse effects

Data not available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Do not re-use empty containers without first cleaning them. Dispose of them in accordance with applicable regulations. Any product residues may be burnt in a suitable incinerator, equipped with post-combustion and killing.

SECTION 14: Transport information**14.1. UN number**

3253

Possible ADR exemption (with the label application shown below) if the following characteristics are met:

Combined packagings: inner packagings 5 Kg Pack 30 Kg

Internal packaging housed in trays with heat shrinkable or extensible film: inner packagings 5 Kg Pack 20 Kg

**14.2. UN proper shipping name**

DISODIUM TRIOXOSILICATE in mixture

14.3. Transport hazard class(es)

Class : 8
Label : 8
Tunnel restriction code : E
Limited quantity : 5 kg
EmS : F-A, S-B

**14.4. Packing group**

III

14.5. Environmental hazards

Dangerous for the environment : NO
Marine pollutant : NO

14.6. Special precautions for user

Transport must be carried out by vehicles authorized to transport dangerous goods according to the requirements of the current version of the A.D.R. And the applicable national provisions. The transport must be carried out in the original packaging and, in any case, in packaging that is made up of materials that are unreliable and which are not susceptible to the generation of this hazardous reaction. Dangerous goods loading and unloading personnel must have received appropriate training on the risks presented by the preparation and on any procedures to be taken in the event of emergency situations.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

It is not intended to carry bulk

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

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.

COMMISSION REGULATION (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents

15.2. Chemical safety assessment

Chemical safety assessment not anticipated.

SECTION 16: Other information**16.1. Other information**

Description of the hazard statements in point 3

H319 = Causes serious eye irritation

H314 - Causes severe skin burns and eye damage

SAFETY DATA SHEET

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H335 = May cause respiratory irritation
 H272 – May intensify fire; oxidiser.
 H302 - Harmful if swallowed.
 H318 = Causes serious eye damage
 H290 = May be corrosive to metals.

Classification based on the data of all the components of the mixture

24 hour active telephone numbers of some anti-poison centers in Europe:

POISON CENTRE			
Country	AUSTRIA	Country	BELGIUM
Name of poison centre	Vergiftungsinformationszentrale (Poisons Information Centre)	Name of poison centre	Centre Antipoisons-Antigifcentrum
Emergency phone	+43 1 406 43 43	Emergency phone	+32 70 245 245
Website	www.giftinfo.org	Website	www.poisoncentre.be
Country	CROATIA	Country	FRANCE
Name of poison centre	Poison Control Centre Zagreb	Name of poison centre	ORFILA Liste des centres anti poison
Emergency phone	+358 1 2348 342	Emergency phone	+33 1 40 05 48 48
Website	www.imi.hr	Website	
Country	FRANCE	Country	GERMANY
Name of poison centre	Poison antipoison et de toxicovigilance de Paris	Name of poison centre	Deutschland Notrufnummer
Emergency phone	+33 (0)1 40 05 48 48	Emergency phone	030 30 68 67 90
Website	www.centres-antipoison.net	Website	
Country	NETHERLANDS	Country	SPAIN
Name of poison centre	National Poisons Information Centre	Name of poison centre	Emergencias y consultas toxicológicas
Emergency phone	+31 30 274 88 88	Emergency phone	915 620 420
Website	www.vergiftingen.info	Website	

MAIN BIBLIOGRAPHIC SOURCES

ACGIH - American Conference of Governmental Industrial Hygienists
 CheLIST - Chemical Lists Information System
 ECHA - European Chemicals Agency
 IARC - International Agency for Research on Cancer
 IPCS - International Programme on Chemical Safety (Cards)
 NIOSH - Registry of toxic effects of chemical substances (1983)
 OSHA - European Agency for Safety and Health at Work
 TOXNET - Toxicology Data Network
 WHO - World Health Organization

Safety Data Sheet according to Regulation (EU) No. 2015/830 of May 29, 2015 and subsequent adjustments

The information in this Safety Data Sheet has been obtained from what is best available or our knowledge of the market at the indicated revision date. Neither the Company of this card nor its subsidiaries may accept complaints arising out of improper use of the information herein or improper use in the application of the Product. Pay particular attention to the use of the preparations because improper use can increase the risk.