VISAL

MATERIAL SAFETY DATA SHEET

SUPER CLEAN for Washing Machines

Current review date: 20/01/2020	Current review: 01	Previous review date: 18/10/2018	Previous review: 00
SECTION 1: Identification of the sul	bstance/mixture and of the co	mpany/undertaking	
1.1 Product identifier			
Commercial name : SUPER CLEAN for W Code : 9029799310	Vashing Machines		
1.2 Relevant identified	uses of the substance or mixture	and uses advised against	
Consumers use : Washing machine of Uses advised against : All those not expres	o 1		
1.3 Details of the suppl	lier of the safety data sheet		
Supplier of substance/mixture			
GBCHEM S.r.l.			
Via Santa Eufemia, 8 - 25040 CORTE FRANCA Tel. +39 3464232984	a (BS) - ITALIA		
e-mail address competent person: gbchen	<u>nsrl@yahoo.it</u>		
Distributed by:			
Electrolux Appliance AB - S.t Göransgatan 14 Tel. +46 8-738 60 00	43,SE-112 17 Stockholm (Sweden)		
1.4 Emergency telepho	ne number		
Tel: +39 3464232984 (from 08,30 to 12,30 -	from 14,00 to 18,00)		
See section 16 of MSDS for European Antip	oison Centre		
SECTION 2: Hazards identification			
2.1 Classification of the	e substance or mixture		
2.1.1 Classification in accordance with Regu	lation (EC) No 1272/2008:		
The product is dangerous in accordance with Re	egulation (EC) No 1272/2008 so it's mand	latory to draw up a material safety data sheet in accor	dance with Regulation (EU) 2015/830.
Hazard pictogram(s)	: GHS05	GHS07	
Hazard class and category codes	: Skin Corr. 1B, Eye Dam. 1, STOT		
Hazard statement codes	: H314 - Causes severe skin burns H318 – Causes serious eye dama	, .	
	H335 - May cause respiratory irri		
2.1.2 Other effects			
	severe burns and contact with the eves	causes serious eye damage, such as opacity of the	cornea or lesions to the iris. Inhalation
may cause respiratory irritation.			
2.2 Label elements			
2.2.1 Label in accordance with Regulation (, ,		
Hazard pictogram(s)	: GHS05 0	GHS07	
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Signal word	:	DANGER	
Hazard statement(s)	:	H314 - Causes severe sl	kin burns and eye damage
		H335 - May cause respi	ratory irritation.
Suppl. Hazard statement Code(s)	:	Not applicable	
Precautionary statement(s) :			

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 [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

P310 - Immediately call a POISON CENTER/doctor

Storage

P405 - Store locked up.

Disposal

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

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

Ingredients (Reg. 648/2004): <5% phosphonates, zeolite; >5<15% non-ionic surfactants, oxygen bleach.

2.3 Other hazards

Packaging must have child lock and be fitted with a tactile warning. According to available data the mixture does NOT contain PBT / vPvB substances more than 0.1 in according to Regulation (EC) 1907/2006, Annex XIII

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

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Previous review: 00

3.2 Mixtures

See section 16 for full text of Hazard statement(s).

Substance	x = Conc. %	Classification	CAS	EINECS	REACh
Sodium carbonate	≥ 20 x < 30	Evo Irrit 2, 11210	497-19-8	207-838-8	01-2119485498-19
Index number: 011-005-00-2	≥ 20 X < 30	Eye Irrit. 2, H319	497-19-8	207-838-8	01-2119485498-19
Sodium metasilicate pentahydrate	≥ 20 x < 30	Skin Corr. 1B, H314; STOT SE 3, H335	10213-79-3	229-912-9	
Index number: Not available	≥ 20 X < 30	SKIII COIT. 1B, H314; STOT SE 3, H335	10213-79-3	229-912-9	
Disodium carbonate, compound with hydrogen peroxide (2:3)	≥ 10 x < 20	Ox. Sol. 3, H272; Acute Tox. 4, H302;	15630-89-4	239-707-6	01-2119457268-30
Index number: Not available	2 10 X < 20	Eye Dam. 1, H318	15030-89-4	239-707-0	01-2119457268-30
Alcohols, C12-15, branched and linear, ethoxylated	2.2.4.5	Anuta Tau 4 11202; Eus Davis 4 11210	100000 00 1	022 406 2	
Index number: Not available	≥3 x < 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)	2.2.4.5	Fire Dame 1 11210		040 (24.2	
Index number: Not available	≥3 x < 5	Eye Dam. 1, H318		940-634-3	
Tetrasodium (1-hydroxyethylidene) bisphosphonate	>1×22	Met. Corr. 1, H290; Acute Tox. 4,	2704 82 0	222.267.7	01 2110647055 22
Index number: Not available	≥1 x < 3	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

Immediately remove the patient from the contaminated area and keep it at rest in a well-ventilated area. Seek medical advice.

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Skin (pure product)

Remove contaminated clothing and wash it before to re-use. Wash the areas of the body that have come into contact with the product immediately with plenty of water and soap, even if only suspicious. Do not use neutralizing substances and do not apply ointments before 24 hours or without medical advice. Seek medical advice. Eyes (pure product)

Irrigate immediately and abundantly for about 15 minutes with running water keeping the eyelids open; then protect the eyes with dry sterile gauze and use specialized medical care. Do not use eye drops or ointments of any kind before the visit or advice from an eye doctor. Ingestion

Seek medical advice immediately. Do not induce vomiting and do not give anything unless expressly indicated by the doctor. Keep the patient at rest in a well-ventilated area.

4.2 Most important symptoms and effects, both acute and delayed

The product seriously harms mucous membranes, upper respiratory tract, eyes and skin. The symptoms are: cough, shortness of breath, headache, nausea, vomit.

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, alcohol-resistant foam and chemical powders Unsuitable extinguishing media : None in particular

5.2 Special hazards arising from the substance or mixture

The product, during combustion, develops vapours potentially harmful to health.

5.3 Advice for firefighters

Use protective clothing for the respiratory tract, eyes and skin. Water spray can be used to disperse flammable vapours and protect people engaged in extinction. It is also advisable to use self-contained breathing apparatus, above all, when working in closed and poorly ventilated areas. Use specifically protective equipment of fire team.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: For emergency responders:

Move away from the area surrounding the spill or release. Not smoking. General information: Use best P.P.E. See section 8.

6.2 Environmental precautions

Contain leaks with soil or sand to prevent it from flowing into surface waterways and / or sewers. If the product has flowed in large quantities in a watercourse or has contaminated the soil or vegetation, notify to the competent authorities.

6.3 Methods and material for containment and cleaning up

Collect the product for possible use or for elimination. After collection, wash the affected area and materials with plenty of water and collect the wash water.

6.4 Reference to other sections

See sections 8 and 13 for further information

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Normal precautions for handling chemicals, protecting themselves from accidental contact. Do not smoke, eat or drink while handling.

7.2 Conditions for safe storage, including any incompatibilities

ppm

Store in original packaging, in a cool, ventilated place away from heat sources and direct exposure to sunlight. Keep containers closed when not in use.

7.3 Specific end use(s)

Consumer uses: Follow the instructions on the label / box / information sheets.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Control paran	neters relatives to	substances contained if available			
Substance:	Sodium carbona	te			
CAS:	497-19-8				
GESTIS Internat	GESTIS International Limit Values				
		Limit value - Eight hours	Limit value - Short term		

mg/m³

ppm

mg/m³

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8.2 Exposure controls

If as a result of the risk assessment and the adoption of technical preventive and / or organizational measures of collective protection it results that there is still a residual risk for the worker, it is necessary to equip the worker with the Personal Protective Equipment.

8.2.1 Appropriate engineering controls

Data not available

8.2.2 Individual protection measures, such as personal protective equipment

A. EYE/FACE PROTECTION

PICTOGRAM	PPE	NOTES
GLASS	PPE for eyes are a second category and must be marked with CE and number of Notify body that certified them. EN166 Personal eye-protection - Specifications	Not necessary in normal use. In the event that you proceed to handle the pure product in large quantities, use safety glasses with side protection.
B. HAND PROTE	CTION	

PICTOGRAM	PPE	NOTES
GLOVES	Gloves that protect against corrosive chemical substances, third category and provided with CE marking and the number of the Notified Body that issued the certification. EN374 Protective gloves against dangerous chemicals and micro- organisms.	We recommend category II long wrist waterproof gloves, the material can be latex or, for allergic, nitrile. The thickness of the gloves and the possible presence of an inner lining depend on many variables including the comfort of the operator.
C. BODY PROTEC	CTION	
PICTOGRAM	PPE	NOTES
WORKING CLOTHES	EN 13688 Protective clothing - General requirements	Work clothes

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D. RESPIRATORY	Y PROTECTION	
PICTOGRAM	PPE	NOTES
FILTER MASK	The choise of PPE must be in accordance with EN 529:2006 (Respiratory protective devices - Recommendations for selection, use, care and maintenance - Guidance document). e.g. it's possible to use mask in accordance with EN149 - Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking).	Not necessary in normal use. In the event that powders develop during use, use special masks with CE marking.

E. THERMAL HAZARDS

Avoid exposure to open flames.

F. ENVIRONMENTAL EXPOSURE CONTROLS

Avoid release into the environment

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

The following physical and chemicals properties aren't technical specifications. Specific references are in technical documentation.

Physical and chemical properties	Value	Notes or analytical method
Appearance	Crystalline white solid	Visual
Odour	Characteristic	Olfactory
Odour threshold	Not determined	
pH	Pure product: Not applicable Solution 1%	: 10.0 ± 0,5 pHmetro
Melting point/freezing point	Not determined	
Initial boiling point and boiling range	Not determined	
Flash point	Not applicable	
Evaporation rate	Not determined	
Flammability (solid, gas)	Not determined	
Upper/lower flammability or explosive limits	Not determined	
Vapour pressure	Not determined	
Relative density	Not determined	
Solubility(ies)	Total in water	Theorical
Partition coefficient: n-octanol/water	Not determined	
Auto-ignition temperature	Not determined	
Decomposition temperature	Not determined	
Viscosity	Not applicable	
Explosive properties	Not determined	
Oxidising properties	Not determined	

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions of use and storage.

10.2 Chemical stability

Stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

No one in normal use.

10.4 Conditions to avoid

Shock	Air	Heating	Light	Humidity			
Nothing to report	Nothing to report	Avoid exposure to open flames	Кеер аwау				
10.5 Incompati	10.5 Incompatible materials						
Acids	Bases	Water	Oxidising/Reducing	Other			
Avoid contact	Nothing to report	Nothing to report	Avoid contact	Not mix with chemicals			

10.6 Hazardous decomposition products

Under normal conditions the preparation does not decompose.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

	Hazard classes		Classification
(a)	Acute toxicity	:	Based on available data, the classification criteria are not met
(b)	Skin corrosion/irritation	:	Corrosive product: cause 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	:	Inhalation may cause respiratory irritation.
(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
Relat	ives substances contained		

Substance.	Sourann car sonate			
CAS	497-19-8			
Routes of exposure		Inhalation, oral		
Inhalation risk		A harmful concentration of airborne particles can be reached quickly if powdered.		
Effects of short-term exposure		Substance is irritating for the eyes, skin and respiratory tract.		

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Effects of repe	ated or long term exposure	Substance may cause damage at respiratory tract (perforation of nasal septum). Repeated or long term exposure with skin can cause dermatitis.			
ACUTE RISK/S					
Inhalation	Cough, sore throat.				
Skin	Redness.				
Eyes	Redness, pain, severe burns.				
Ingestion	Abdominal pain, burning sensation in throat and chest.				
Notes	LD50 Oral (rat) (mg/kgbw) = 4090				
	LD50 skin (rat or rabbit) (mg/kgbw) = 117				
	CL50 Inhalation (rat) di vapour/dust/aerosol/fumes (mg/1/4h) or gas (ppmV/4h) = 5200				
Substance:	ance: Sodium metasilicate pentahydrate				
CAS	CAS 10213-79-3				
Routes of expo	osure	Inhalation, oral			
Inhalation risk		Evaporation at 20°C is negligible; A harmful concentration of airborne particles can be reached quickly if powdered.			
Effects of short-term exposure		Substance is corrosive for the eyes, skin and respiratory tract. Corrosive for ingestion.			
Effects of repeated or long term exposure		No data available			
ACUTE RISK/SYMPOTOMS					
Inhalation	Sore throat, burning sensation, cough and shortness of breath				
Skin	Redness, pain, severe burns				
Eyes	Redness, pain, severe burns.				
Ingestion	Burning sensation, Abdominal pain, shock or collapse.				
Notes	No data available				
SECTION 1	2: Ecological informa	tion			

12.1 Toxicity

Use according to good working practices, avoiding to disperse the product in the environment.

12.2 Persistence and degradability

Regulation (EC) No 648/2004

Surfactant(s) contained in this product is(are) compliant(s) with the biodegradability criteria established by the Regulation (EC) No 648/2004 on detergents. All supporting data are kept at the disposal of the competent authorities of the Member States and will be provided, at their explicit request or at the request of a manufacturer of the formulated, to the aforementioned authorities.

12.3 Bioaccumulative potential

Data not available

12.4 Mobility in soil

Data not available

12.5 Results of PBT and vPvB assessment

Based on the available data, the product does not contain PBT or vPvB substances in a percentage higher than 0.1%

12.6 Other adverse effects

Data not available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Do not reuse empty containers. Dispose of them in compliance with current regulations. Any product residues can be burned in a suitable incinerator, equipped with postcombustion and abatement.

SECTION 14: Transport information

		IMDG	ΙΑΤΑ			
UN number						
Transport nazard class(es)	0 0					
Label	8					
Packing group	III					
Limited quantities						
Inner packaging	5 Kg		1 Kg/5Kg			
External packaging (Note 1)	20 or 30 Kg ⁽¹⁾		20 or 30 kg			
Packaging instruction	P002	P002	Y845/860/864			
Tunnel restriction code	E	Not applicable	Not applicable			
EmS	N.A.	F-D, S-U	Not applicable			
Stowage and segregation	N.A.	Category D / SW2	Not applicable			
Environmental hazards	NO					
Marine pollutant	NO					
Special precautions for user	As with all goods classified as dangerous for transport, all movements must be carried out in compliance with the specific rules for each type of transport under the control, if provided for by the regulations, of a specialist for the safety of transport of dangerous goods.					
Transport in bulk according to Annex II of Marpol and the IBC Code	Does not allow carried in bulk					
	Packing group Limited quantities Inner packaging External packaging (Note 1) Packaging instruction Tunnel restriction code EmS Stowage and segregation Environmental hazards Marine pollutant Special precautions for user Transport in bulk according to Annex II	UN proper shipping name Transport hazard class(es) Label Packing group Limited quantities Inner packaging 5 Kg External packaging (Note 1) 20 or 30 Kg ⁽¹⁾ Packaging instruction PO02 Tunnel restriction code EmS N.A. Stowage and segregation Marine pollutant Special precautions for user As with all goods classified as dangerous for transport in bulk according to Annex II	UN number 3253 UN proper shipping name Disodium trioxosilicate in a mixtures Transport hazard class(es) 8 Label 8 Label 8 Limited quantities III Limited quantities 5 Kg Inner packaging 5 Kg Packaging instruction P002 Packaging instruction P002 Packaging instruction P002 Tunnel restriction code E EmS N.A. F-D,S-U Stowage and segregation Marine pollutant NO Marine pollutant NO Special precautions for user As with all goods classified as dangerous for transport, all movements must be carried out in complian under the control, if provided for by the regulations, of a specialist for the safety of Transport in bulk according to Annex II			

Box 30 kg – shrink-wrapped or stretch-wrapped trays 20 kg

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Description of Hazard statement(s) in section 3

Causes serious eye irritation

May intensify fire; oxidizer.

Causes serious eye damage

May be corrosive to metals

Harmful if swallowed

May cause respiratory irritation

Causes severe skin burns and eye damage

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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

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15.2 Chemical safety assessment

A chemical safety assessment hasn't been developed for the product, although this MSDS contains one or more exposure scenario(s) in an integrated form. The content, where relevant, has been included in sections 1.2, 8, 9, 12, 15 and 16 of the same safety data sheets.

H319 =

H314 =

H335 =

H272 =

H302 =

H318 =

H290 =

SECTION 16: Other information

16.1 Other information

Description of Hazard class and category codes in section 3			
Eye Irrit. 2 Eye irritation, hazard category 2			
Skin Corr. 1B	Skin corrosion, hazard category 1B		
STOT SE 3	Specific target organ toxicity — single exposure, hazard category 3		
Ox. Sol. 3	Oxidising solid, hazard category 3		
Acute Tox. 4	Acute toxicity, hazard category 4		
Eye Dam. 1	Serious eye damage, hazard category 1		
Met. Corr. 1	Substance or mixture corrosive to metals, hazard category 1		

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

ANTIPOISON CENTRE

EUROPA			
Antipoison centre AUSTRIA - Vergiftungsinformationszentrale		Antipoison centre	BELGIUM - Centre Antipoisons-Antigifcentrum
Emergency phone	+43 1 406 43 43	Emergency phone	+32 70 245 245
Antipoison centre	CROATIA - Poison Control Centre Zagreb	Antipoison centre	FRANCE - ORFILA_Liste des centres anti poison
Emergency phone	+358 1 2348 342	Emergency phone	+33 1 40 05 48 48
Antipoison centre	FRANCE - Centre antipoison et de toxicovigilance de Paris	Antipoison centre	GERMANY - Deutschland Notrufnummer
Emergency phone	+33 (0)1 40 05 48 48	Emergency phone	+49 030 30 68 67 00
Antipoison centre	NETHERLANDS - National Poisons Information Centre	Antipoison centre	SWEDEN - Swedish Poisons Information Centre
Emergency phone	+31 30 274 88 88	Emergency phone	112

SOURCES

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

The sections modified respect to the previous revision are highlighted by the vertical section on the left.

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

The information in this SDS was obtained from the best that is available or to our knowledge on the market at the specified review date. Neither the Company registered holder of this card nor the subsidiaries will accept any complaints arising from improper use of the information set forth herein or from improper use of the product in the application. Pay particular attention to the use of preparations because improper use can increase the hazard.

This safety data sheet has been translated with an automatic system. We thank all the people who want to report any anomalies in the translation.