Domestos(*) Professional Original

Revision: 2012-09-05 *Version 06*

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

1.1 Product identifier
Trade name: Domestos(*) Professional Original

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses:
For professional use only
AISE-P301 - General purpose cleaner. Manual process
AISE-P305 - Sanitary cleaner. Manual process
AISE-P314 - Surface disinfectant. Manual process
Uses advised against Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet
Diversey Ltd

Contact details
Weston Favell Centre, Northampton NN3 8PD, United Kingdom
Tel: 01604 405311, Fax: 01604 406809
Regulatory Email: MSDSinfoUK@sealedair.com

1.4 Emergency telephone number
For medical or environmental emergency only:
call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
The product has been classified and labelled in accordance with Directive 1999/45/EC and corresponding national legislation.

Indication of danger
Xi - Irritant

Risk phrases:
R31 - Contact with acids liberates toxic gas.
R36/38 - Irritating to eyes and skin.

2.2 Label elements

Xi - Irritant

Risk phrases:
R31 - Contact with acids liberates toxic gas.
R36/38 - Irritating to eyes and skin.

Safety phrases:
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 - Wear suitable gloves.

2.3 Other hazards
No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification	Classification (EC) 1272/2008	Notes	Weight percent
sodium hypochlorite	231-668-3	7681-52-9	01-2119488154-34	C,N; R31-34-50	Skin Corr. 1B (H314) Aquatic Acute 1 (H400) (EUH031)		3-10
amines, C12-18-alkyldimethyl, N-oxides	273-281-2	68955-55-5	No data available	Xi,N; R38-41-50	Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Acute Tox. 4 (H302) Skin Irrit. 2 (H315)		1-3
sodium hydroxide	215-185-5	1310-73-2	01-2119457892-27	C; R35	Skin Corr. 1A (H314)		0.1-1
cetrimonium chloride	203-928-6	112-02-7	No data available	C,N; R22-34-50	Skin Corr. 1B (H314) Aquatic Acute 1 (H400) Acute Tox. 4 (H302)		0.1-1

* Polymer.
For the full text of the R, H and EUH phrases mentioned in this Section, see Section 16.
Workplace exposure limit(s), if available, are listed in subsection 8.1.
[1] Exempted: ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included for classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required.
[2] Exempted: included in Annex IV of Regulation (EC) No 1907/2006.
[3] Exempted: Annex V of Regulation (EC) No 1907/2006.
[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation Remove from source of exposure. Get medical attention immediately.

Skin contact Not required under normal use. If irritation develops get medical attention. Rinse with plenty of water.

Eye contact Wash off immediately with plenty of water. Get medical attention.

Ingestion Remove material from mouth. Immediately drink 1-2 glasses of water or milk. Get medical attention.

Self-protection of first aider: Consider personal protective equipment as indicated in subsection 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation May cause bronchospasm in chlorine sensitive individuals. Causes irritation.

Skin contact Causes irritation.

Eye contact Causes irritation.

Ingestion Causes irritation.

Sensitisation No known effects.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

In case of an incident in a confined area wear suitable respiratory protection. Wear suitable gloves.

6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Advice on safe handling
Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless advised by Diversey. For advice on general occupational hygiene see subsection 8.2. For environmental exposure controls see subsection 8.2. For incompatible materials see subsection 10.5.

Prevention of fire and explosion
No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities
Requirements for storage rooms / facilities:
In accordance with local and national regulations.

Combined storage in storage rooms / facilities:
In accordance with local and national regulations. Store away from acids.

Basic storage conditions
Store in original container. Keep container tightly closed. For conditions to avoid see subsection 10.4.

7.3 Specific end use(s)
No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Workplace exposure limits

Air limit values, if available:

Ingredient(s)	UK - Long term value(s)	UK - Short term value(s)
sodium hydroxide		2 mg/m³

Biological limit values, if available:

Recommended monitoring procedures, if available:

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

DNEL/DMEL and PNEC values
Human exposure
DNEL oral exposure - Consumer (mg/kg bw)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
sodium hypochlorite	No data available	No data available	No data available	0.26
amines, C12-18-alkyldimethyl, N-oxides	No data available	No data available	No data available	No data available
sodium hydroxide	No data available	No data available	No data available	No data available
cetrimonium chloride	No data available	No data available	No data available	No data available

DNEL dermal exposure - Worker

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
sodium hypochlorite	No data available	No data available	0.5 %	No data available
amines, C12-18-alkyldimethyl, N-oxides	No data available	No data available	No data available	No data available
sodium hydroxide	2 %	No data available	No data available	No data available
cetrimonium chloride	No data available	No data available	No data available	No data available

DNEL dermal exposure - Consumer

Ingredient(s)	Short term - Local effects	Short term - Systemic effects (mg/kg bw)	Long term - Local effects	Long term - Systemic effects (mg/kg bw)
sodium hypochlorite	No data available	No data available	0.5 %	No data available
amines, C12-18-alkyldimethyl, N-oxides	No data available	No data available	No data available	No data available
sodium hydroxide	2 %	No data available	No data available	No data available
cetrimonium chloride	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Worker (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
sodium hypochlorite	3.1	3.1	1.55	1.55
amines, C12-18-alkyldimethyl, N-oxides	No data available	No data available	No data available	No data available
sodium hydroxide	No data available	No data available	1	No data available
cetrimonium chloride	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Consumer (mg/m³)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
sodium hypochlorite	3.1	3.1	1.55	1.55
amines, C12-18-alkyldimethyl, N-oxides	No data available	No data available	No data available	No data available
sodium hydroxide	No data available	No data available	1	No data available
cetrimonium chloride	No data available	No data available	No data available	No data available

Environmental exposure

Environmental exposure - PNEC

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
sodium hypochlorite	0.00021	0.000042	No data available	0.03
amines, C12-18-alkyldimethyl, N-oxides	No data available	No data available	No data available	No data available
sodium hydroxide	No data available	No data available	No data available	No data available
cetrimonium chloride	No data available	No data available	No data available	No data available

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m³)
sodium hypochlorite	No data available	No data available	No data available	0.00026
amines, C12-18-alkyldimethyl, N-oxides	No data available	No data available	No data available	No data available
sodium hydroxide	No data available	No data available	No data available	No data available
cetrimonium chloride	No data available	No data available	No data available	No data available

8.2 Exposure controls

General health and safety measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Take off immediately all contaminated clothing. Wash hands before breaks and at the end of workday. Avoid contact with skin and eyes.

The following information applies for the uses indicated in subsection 1.2.
If available, please refer to the product information sheet for application and handling instructions.
Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

Appropriate engineering controls: Use only in well ventilated areas. If the product is diluted by using specific dosing systems with no risk of splashes or direct skin contact, the personal protection equipment as described in this section is not required.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

Personal protective equipment

Eye / face protection: Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product.

Hand protection: Chemical-resistant protective gloves (EN 374)
Verify instructions regarding permeability and breakthrough time, as provided by the gloves supplier
Consider specific local use conditions, such as risk of splashes, cuts, contact time and temperature

Suggested gloves for prolonged contact:
Material: butyl rubber
Penetration time: >= 480 min
Material thickness: >= 0.7 mm

Suggested gloves for protection against splashes:
Material: nitrile rubber
Penetration time: >= 30 min
Material thickness: >= 0.4 mm

In consultation with the supplier of protective gloves a different type providing similar protection may be chosen

Body protection: No special requirements under normal use conditions.

Respiratory protection: No special requirements under normal use conditions

Environmental exposure controls: No special requirements under normal use conditions.

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (%): 2.6

Appropriate engineering controls: No special requirements under normal use conditions.

Appropriate organisational controls: No special requirements under normal use conditions.

Personal protective equipment .

Eye / face protection: No special requirements under normal use conditions.

Hand protection: Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary

Body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions

Environmental exposure controls: No special requirements under normal use conditions.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State: Liquid
Colour Clear Light Yellow
Odour Slightly perfumed
pH: > 12 (neat)
Boiling point/range (°C): Not determined
Flash point (°C): Not applicable.
Flammability Not flammable.
Specific gravity: 1.08 g/cm³ (20°C)
Solubility in / Miscibility with **Water:** Fully miscible
Viscosity: ≈ 430 mPa.s (20°C)
Explosive properties Not explosive.
Oxidising properties: Not oxidising.

9.2 Other information
No other relevant information available

SECTION 10: Stability and reactivity

10.1 Reactivity
No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability
Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions
No hazardous reactions known under normal storage and use conditions.

10.4 Conditions to avoid
None known under normal storage and use conditions.

10.5 Incompatible materials
Reacts with acids releasing toxic chlorine gas.

10.6 Hazardous decomposition products
Chlorine.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Mixtures
No test data is available on the mixture

Substance data, where relevant and available, are listed below.

Acute toxicity
Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
sodium hypochlorite	LD_{50}	> 1100	Rat	Method not given	
amines, C12-18-alkyldimethyl, N-oxides		No data available			
sodium hydroxide	LD_{50}	1350	Rat	Method not given	
cetrimonium chloride		No data available			

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
sodium hypochlorite	LD_{50}	> 20000	Rabbit	Method not given	
amines, C12-18-alkyldimethyl, N-oxides		No data available			
sodium hydroxide	LD_{50}	1350	Rabbit	Method not given	

cetrimonium chloride		No data available			

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium hypochlorite	LC_{50}	> 10500	Rat	Method not given	1
amines, C12-18-alkyldimethyl, N-oxides		No data available			
sodium hydroxide	LC_{50}	4800	Mouse	Method not given	1
cetrimonium chloride		No data available			

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
sodium hypochlorite	Corrosive	Rabbit	Method not given	
amines, C12-18-alkyldimethyl, N-oxides	No data available			
sodium hydroxide	Corrosive	Rabbit	Method not given	
cetrimonium chloride	No data available			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
sodium hypochlorite	Severe damage	Rabbit	Method not given	
amines, C12-18-alkyldimethyl, N-oxides	No data available			
sodium hydroxide	Corrosive	Rabbit	Method not given	
cetrimonium chloride	No data available			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
sodium hypochlorite	Irritating to respiratory tract			
amines, C12-18-alkyldimethyl, N-oxides	No data available			
sodium hydroxide	No data available			
cetrimonium chloride	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
sodium hypochlorite	Not sensitising	Guinea pig	Method not given	
amines, C12-18-alkyldimethyl, N-oxides	No data available			
sodium hydroxide	Not sensitising		Human repeated patch test	
cetrimonium chloride	No data available			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
sodium hypochlorite	No data available			
amines, C12-18-alkyldimethyl, N-oxides	No data available			
sodium hydroxide	No data available			
cetrimonium chloride	No data available			

Repeated dose toxicity

Sub-acute or sub-chronic oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
sodium hypochlorite	NOAEL	50	Rat	Method not given	90	
amines, C12-18-alkyldimethyl, N-oxides		No data available				
sodium hydroxide		No data available				
cetrimonium chloride		No data available				

Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
sodium hypochlorite		No data available				

amines, C12-18-alkyldimethyl, N-oxides		No data available				
sodium hydroxide		No data available				
cetrimonium chloride		No data available				

Sub-chronic inhalation toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
sodium hypochlorite		No data available				
amines, C12-18-alkyldimethyl, N-oxides		No data available				
sodium hydroxide		No data available				
cetrimonium chloride		No data available				

Chronic toxicity

Ingredient(s)	Exposure route	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time	Specific effects and organs affected	Remark
sodium hypochlorite			No data available					
amines, C12-18-alkyldimethyl, N-oxides			No data available					
sodium hydroxide			No data available					
cetrimonium chloride			No data available					

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
Mixture data:
Based on available data, the classification criteria are not met.

Substance data, where relevant and available

Carcinogenicity

Ingredient(s)	Effect
sodium hypochlorite	No evidence for carcinogenicity, negative test results
amines, C12-18-alkyldimethyl, N-oxides	No data available
sodium hydroxide	No evidence for carcinogenicity, weight-of-evidence
cetrimonium chloride	No data available

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
sodium hypochlorite	No evidence for mutagenicity, weight of evidence		No evidence for mutagenicity, negative test results	
amines, C12-18-alkyldimethyl, N-oxides	No data available		No data available	
sodium hydroxide	No evidence for mutagenicity, negative test results	DNA repair test on rat hepatocytes OECD 473	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12) OECD 475 (EU B.11)
cetrimonium chloride	No data available		No data available	

Toxicity for reproduction

Ingredient(s)	Endpoint	Specific effect	Value (mg/kg bw/d)	Species	Method	Exposure time	Remarks and other effects reported
sodium hypochlorite	NOAEL	Developmental toxicity	5 (Cl)	Rat	Not known		No evidence for reproductive toxicity
amines, C12-18-alkyldimethyl, N-oxides			No data available				
sodium hydroxide			No data available				No evidence for developmental toxicity No evidence for reproductive toxicity
cetrimonium chloride			No data available				

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

SECTION 12: Ecological information

12.1 Toxicity
Mixtures
No test data is available on the mixture.

Substance data, where relevant and available, are listed below

Aquatic short-term toxicity
Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium hypochlorite	LC_{50}	0.06	Various species	Method not given	96
amines, C12-18-alkyldimethyl, N-oxides		No data available			
sodium hydroxide	LC_{50}	35	Various species	Method not given	96
cetrimonium chloride		No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium hypochlorite	EC_{50}	0.026	Not specified	Method not given	48
amines, C12-18-alkyldimethyl, N-oxides		No data available			
sodium hydroxide	EC_{50}	40.4	Ceriodaphnia sp.	Method not given	48
cetrimonium chloride		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
sodium hypochlorite	NOEC	0.0021	Not specified	Method not given	168
amines, C12-18-alkyldimethyl, N-oxides		No data available			
sodium hydroxide	EC_{50}	22	Photobacterium phosphoreum	Method not given	0.25
cetrimonium chloride		No data available			

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
sodium hypochlorite		No data available			
amines, C12-18-alkyldimethyl, N-oxides		No data available			
sodium hydroxide		No data available			
cetrimonium chloride		No data available			

Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
sodium hypochlorite		0.375	Activated sludge	Method not given	
amines, C12-18-alkyldimethyl, N-oxides		No data available			
sodium hydroxide		No data available			
cetrimonium chloride		No data available			

Aquatic long-term toxicity
Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
sodium hypochlorite	NOEC	0.04	Menidia pelinsulae	Method not given	96 hour(s)	
amines, C12-18-alkyldimethyl, N-oxides		No data available				
sodium hydroxide		No data available				
cetrimonium chloride		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
sodium hypochlorite		No data available				
amines, C12-18-alkyldimethyl, N-oxides		No data available				
sodium hydroxide		No data available				
cetrimonium chloride		No data available				

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

Terrestrial toxicity

Terrestrial toxicity - soil invertebrates, including earthworms, if available:

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Ingredient(s)	Half-life time	Method	Evaluation	Remark
sodium hypochlorite	115 day(s)	Indirect photo-oxidation		
sodium hydroxide	13 second(s)	Method not given	Rapidly photodegradable	

Abiotic degradation - hydrolysis, if available:

Abiotic degradation - other processes, if available:

Biodegradation

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT_{50}	Method	Evaluation
sodium hypochlorite					No data available
amines, C12-18-alkyldimethyl, N-oxides					No data available
sodium hydroxide					Not applicable (inorganic substance)
cetrimonium chloride					No data available

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

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.

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
sodium hypochlorite	No data available			
amines, C12-18-alkyldimethyl, N-oxides	No data available			
sodium hydroxide	No data available		Not relevant, does not bioaccumulate	
cetrimonium chloride	No data available			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
sodium hypochlorite	No data available				
amines, C12-18-alkyldimethyl, N-oxides	No data available				
sodium hydroxide	No data available				
cetrimonium chloride	No data available				

12.4 Mobility in soil
Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log Koc	Desorption coefficient Log Koc(des)	Method	Soil/sediment type	Evaluation
sodium hypochlorite	1				High potential for mobility in soil
amines, C12-18-alkyldimethyl, N-oxides	No data available				
sodium hydroxide	No data available				Mobile in soil
cetrimonium chloride	No data available				

12.5 Results of PBT and vPvB assessment
Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

12.6 Other adverse effects
No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Waste from residues / unused products Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.
European Waste Catalogue: 20 01 29* - detergents containing dangerous substances.

Empty packaging
Recommendation: Dispose of observing national or local regulations.
Suitable cleaning agents Water, if necessary with cleaning agent.

SECTION 14: Transport information

ADR, RID, ADN, IMO/IMDG, ICAO/IATA
14.1 UN number: Non-dangerous goods
14.2 UN proper shipping name: Non-dangerous goods
14.3 Transport hazard class(es): Non-dangerous goods
Class:-
14.4 Packing group: Non-dangerous goods
14.5 Environmental hazards: Non-dangerous goods
14.6 Special precautions for user: Non-dangerous goods
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: The product is not transported in bulk tankers.

SECTION 15: Regulatory information

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

Ingredients according to EC Detergents Regulation 648/2004
chlorine-based bleaching agents, non-ionic surfactants, soap < 5%
disinfectants, perfumes

15.2 Chemical safety assessment
A chemical safety assessment has not been carried out on the mixture

SECTION 16: Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

(*) This brand is a registered trademark of Unilever used under license by Diversey

MSDS code: MSDS3867 **Version** 06 **Revision:** 2012-09-05

Reason for revision:
Overall design adjusted in accordance with Regulation (EC) No 1907/2006, Annex II

Full text of the R, H and EUH phrases mentioned in section 3

- R34 - Causes burns.
- R50 - Very toxic to aquatic organisms.
- R31 - Contact with acids liberates toxic gas.
- R41 - Risk of serious damage to eyes.
- R38 - Irritating to skin.
- R35 - Causes severe burns.
- R22 - Harmful if swallowed.
- R36/38 - Irritating to eyes and skin.
- H302 - Harmful if swallowed.
- H314 - Causes severe skin burns and eye damage.
- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H400 - Very toxic to aquatic life.
- EUH031 - Contact with acids liberates toxic gas.

Abbreviations and acronyms:

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative

End of Safety Data Sheet