

Lifeguard(*) Cleaner Disinfectant Trigger

Revision: 2012-08-01

Version 06

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

1.1 Product identifier

Trade name: Lifeguard(*) Cleaner Disinfectant Trigger

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-P302 - General purpose cleaner. Spray and wipe manual process

AISE-P305 - Sanitary cleaner. Manual process

AISE-P306 - Sanitary cleaner. Spray and wipe manual process

AISE-P314 - Surface disinfectant. Manual process

AISE-P315 - Surface disinfectant. Spray and rinse 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@diversey.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 does not meet the criteria for classification in accordance with Directive 1999/45/EC and corresponding national legislation.

2.2 Label elements

Safety phrases:

S23d - Do not breathe spray.

S51 - Use only in well-ventilated areas.

Further indications on the label:

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

Safety data sheet available for professional user on request.

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
propan-2-ol	200-661-7	67-63-0	01-2119457558-25	Xi,F; R11-36-67	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336)		1-3
tetrapotassium pyrophosphate	230-785-7	7320-34-5	No data available	Xi; R36	Eye Irrit. 2 (H319)		1-3
alkyl alcohol ethoxylate	Polymer*	68439-46-3	No data available	Xn; R22-41	Eye Dam. 1 (H318) Acute Tox. 4 (H302)		1-3

Lifeguard(*) Cleaner Disinfectant Trigger

alkyldimethylbenzylammoniumchloride	270-325-2	68424-85-1	No data available	C,N; R21/22-34-50	Skin Corr. 1B (H314) Aquatic Acute 1 (H400) Acute Tox. 4 (H302) Acute Tox. 4 (H312)	0.1-1
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* 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. If discomfort persists, obtain medical attention .
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. If large amounts swallowed or symptoms develop, 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	Can cause irritation.
Skin contact	Unlikely to be irritant in normal use.
Eye contact	Unlikely to be irritant in normal use.
Ingestion	Unlikely to be harmful unless excessive amount ingested.
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

No special measures required.

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. Use only with adequate ventilation. Avoid formation of aerosol. 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.

Lifeguard(*) Cleaner Disinfectant Trigger

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. For incompatible materials see subsection 10.5.

Basic storage conditions

Store in original container. 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)
propan-2-ol	400 ppm 999 mg/m ³	500 ppm 1250 mg/m ³

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
propan-2-ol	No data available	No data available	No data available	26
tetrapotassium pyrophosphate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
alkyldimethylbenzylammoniumchloride	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)
propan-2-ol	No data available	No data available	No data available	888
tetrapotassium pyrophosphate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
alkyldimethylbenzylammoniumchloride	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)
propan-2-ol	No data available	No data available	No data available	319
tetrapotassium pyrophosphate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
alkyldimethylbenzylammoniumchloride	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
propan-2-ol	No data available	No data available	No data available	500
tetrapotassium pyrophosphate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
alkyldimethylbenzylammoniumchloride	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
propan-2-ol	No data available	No data available	No data available	89
tetrapotassium pyrophosphate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
alkyldimethylbenzylammoniumchloride	No data available	No data available	No data available	No data available

Environmental exposure

Environmental exposure - PNEC

Lifeguard(*) Cleaner Disinfectant Trigger

Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
propan-2-ol	140.9	140.9	140.9	2251
tetrapotassium pyrophosphate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
alkyldimethylbenzylammoniumchloride	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/m ³)
propan-2-ol	552	552	28	No data available
tetrapotassium pyrophosphate	No data available	No data available	No data available	No data available
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
alkyldimethylbenzylammoniumchloride	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. Do not breathe gases, vapour, spray or aerosols. Use only in well-ventilated areas. Avoid contact with 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.
Appropriate organisational controls: No special requirements under normal use conditions.

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: 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: Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or aerosols should be avoided

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 Colourless
Odour: Slightly perfumed
pH: ≈ 12 (neat)
Boiling point/range (°C): Not determined
Flash point (°C): Not applicable.
Flammability: Not flammable.
Specific gravity: 1.01 g/cm³ (20°C)
Solubility in / Miscibility with Water: Fully miscible
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.

10.6 Hazardous decomposition products

None known under normal storage and use conditions.

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)
propan-2-ol	LD ₅₀	3570	Rat	Method not given	
tetrapotassium pyrophosphate		No data available			
alkyl alcohol ethoxylate		No data available			
alkyldimethylbenzylammoniumchloride	LD ₅₀	795	Rat	Method not given	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
propan-2-ol	LD ₅₀	> 2000	Rabbit	Method not given	
tetrapotassium pyrophosphate		No data available			
alkyl alcohol ethoxylate	LD ₅₀	2000 - 5000	Rat	Method not given	
alkyldimethylbenzylammoniumchloride	LD ₅₀	1560	Rat	Method not given	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
propan-2-ol	LC ₅₀	> 20	Rat	Method not given	4
tetrapotassium pyrophosphate		No data available			
alkyl alcohol ethoxylate		No data available			
alkyldimethylbenzylammoniumchloride		No data available			

Irritation and corrosivity

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
propan-2-ol	Not irritant	Rabbit	Method not given	
tetrapotassium pyrophosphate	No data available			
alkyl alcohol ethoxylate	No data available			
alkyldimethylbenzylammoniumchloride	Irritant			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
propan-2-ol	Irritant	Rabbit	Method not given	
tetrapotassium pyrophosphate	No data available			
alkyl alcohol ethoxylate	Severe damage	Rabbit	Method not given	
alkyldimethylbenzylammoniumchloride	Severe damage			

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
propan-2-ol	No data available			
tetrapotassium pyrophosphate	No data available			
alkyl alcohol ethoxylate	No data available			
alkyldimethylbenzylammoniumchloride	No data available			

Sensitisation

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
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Lifeguard(*) Cleaner Disinfectant Trigger

propan-2-ol	Not sensitising	Guinea pig	OECD 406 (EU B.6) / Buehler test	
tetrapotassium pyrophosphate	No data available			
alkyl alcohol ethoxylate	Not sensitising	Guinea pig	Method not given	
alkyldimethylbenzylammoniumchloride	Sensitising			

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
propan-2-ol	No data available			
tetrapotassium pyrophosphate	No data available			
alkyl alcohol ethoxylate	No data available			
alkyldimethylbenzylammoniumchloride	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
propan-2-ol		No data available				
tetrapotassium pyrophosphate		No data available				
alkyl alcohol ethoxylate	NOAEL	80 - 400		Method not given		
alkyldimethylbenzylammoniumchloride		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
propan-2-ol		No data available				
tetrapotassium pyrophosphate		No data available				
alkyl alcohol ethoxylate	NAOEL	80		OECD 411 (EU B.28)	90	
alkyldimethylbenzylammoniumchloride		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
propan-2-ol		No data available				
tetrapotassium pyrophosphate		No data available				
alkyl alcohol ethoxylate		No data available				
alkyldimethylbenzylammoniumchloride		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
propan-2-ol			No data available					
tetrapotassium pyrophosphate			No data available					
alkyl alcohol ethoxylate			No data available					
alkyldimethylbenzylammoniumchloride			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
propan-2-ol	No data available
tetrapotassium pyrophosphate	No data available
alkyl alcohol ethoxylate	No evidence for carcinogenicity, negative test results
alkyldimethylbenzylammoniumchloride	No data available

Lifeguard(*) Cleaner Disinfectant Trigger

Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
propan-2-ol	No data available		No data available	
tetrapotassium pyrophosphate	No data available		No data available	
alkyl alcohol ethoxylate	No evidence for mutagenicity, negative test results	OECD 473	No data available	
alkyldimethylbenzylammoniumchloride	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	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
propan-2-ol			No data available				
tetrapotassium pyrophosphate			No data available				
alkyl alcohol ethoxylate	NAOEL		> 250	Rat	Not known		
alkyldimethylbenzylammoniumchloride			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)
propan-2-ol	LC ₅₀	> 100	Fish	Method not given	48
tetrapotassium pyrophosphate	LC ₅₀	750	Leuciscus idus	Method not given	46
alkyl alcohol ethoxylate	LC ₅₀	5 - 7	Fish	92/69/EEC, C1, semi-static	96
alkyldimethylbenzylammoniumchloride	LC ₅₀	1.7	Various species	Method not given	96

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
propan-2-ol	EC ₅₀	> 100	Daphnia magna Straus	Method not given	48
tetrapotassium pyrophosphate		No data available			
alkyl alcohol ethoxylate	EC ₅₀	5.3	Daphnia	92/69/EEC	48
alkyldimethylbenzylammoniumchloride	EC ₅₀	0.03	Daphnia	Method not given	48

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
propan-2-ol	EC ₅₀	> 100	Pseudokirchneriella subcapitata	Method not given	72
tetrapotassium pyrophosphate		No data available			
alkyl alcohol ethoxylate	EC ₅₀	1.4 - 47	Not specified	92/69/EEC	72
alkyldimethylbenzylammoniumchloride	EC ₅₀	6	Desmodesmus subspicatus	Method not given	96

Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
propan-2-ol		No data available			
tetrapotassium pyrophosphate		No data available			
alkyl alcohol ethoxylate		No data available			

Lifeguard(*) Cleaner Disinfectant Trigger

alkyldimethylbenzylammoniumchloride		No data available		
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Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
propan-2-ol	EC ₅₀	> 1000	Activated sludge	Method not given	
tetrapotassium pyrophosphate		No data available			
alkyl alcohol ethoxylate	EC ₅₀	> 140	Bacteria	Method not given	3 hour(s)
alkyldimethylbenzylammoniumchloride	EC ₂₀	10	Activated sludge	OECD 209	0.5 hour(s)

Aquatic long-term toxicity

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
propan-2-ol		No data available				
tetrapotassium pyrophosphate		No data available				
alkyl alcohol ethoxylate	EC ₁₀	8.983	Not specified	Method not given	21 day(s)	
alkyldimethylbenzylammoniumchloride		No data available				

Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
propan-2-ol		No data available				
tetrapotassium pyrophosphate		No data available				
alkyl alcohol ethoxylate	EC ₁₀	2.579	Daphnia sp.	Method not given	21 day(s)	
alkyldimethylbenzylammoniumchloride		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:

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
propan-2-ol			95% in 21 day(s)	OECD 301E	Readily biodegradable
tetrapotassium pyrophosphate					No data available
alkyl alcohol ethoxylate			60 in 28 day(s)	Method not given	Readily biodegradable
alkyldimethylbenzylammoniumchloride		Oxygen depletion	> 60%	OECD 301D	Readily biodegradable

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

Lifeguard(*) Cleaner Disinfectant Trigger

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
propan-2-ol	0.05	OECD 107	No bioaccumulation expected	
tetrapotassium pyrophosphate	No data available			
alkyl alcohol ethoxylate	3.11 - 4.19	Method not given	High potential for bioaccumulation	
alkyldimethylbenzylammoniumchloride	0.5 - 1.58			

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
propan-2-ol	No data available				
tetrapotassium pyrophosphate	No data available				
alkyl alcohol ethoxylate	< 500		Method not given	High potential for bioaccumulation	
alkyldimethylbenzylammoniumchloride	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
propan-2-ol	No data available				Potential for mobility in soil, soluble in water
tetrapotassium pyrophosphate	No data available				
alkyl alcohol ethoxylate	No data available				
alkyldimethylbenzylammoniumchloride	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 30 - detergents other than those mentioned in 20 01 29.

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**

non-ionic surfactants, phosphates < 5%
disinfectants, perfumes, Butylphenyl Methylpropional, Hexyl Cinnamal

Lifeguard(*) Cleaner Disinfectant Trigger

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 used under authority from SC Johnson & Son Inc. Racine, Wisconsin, USA*

MSDS code: MSDS4483

Version 06

Revision: 2012-08-01

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

- R11 - Highly flammable.
- R67 - Vapours may cause drowsiness and dizziness.
- R36 - Irritating to eyes.
- R41 - Risk of serious damage to eyes.
- R22 - Harmful if swallowed.
- R34 - Causes burns.
- R50 - Very toxic to aquatic organisms.
- R21/22 - Harmful in contact with skin and if swallowed.
- H225 - Highly flammable liquid and vapour.
- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H336 - May cause drowsiness or dizziness.
- H400 - Very toxic to aquatic life.

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