

## Room Care R6

Revision: 2014-02-06

Version: 04

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

#### 1.1 Product identifier

**Trade name:** Room Care R6

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

**Identified uses:**

For professional use only.

AISE-P307 - Descaling agent. 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:

R36/38 - Irritating to eyes and skin.

#### 2.2 Label elements



Xi - Irritant

#### Risk phrases:

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

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Ingredient(s)	EC number	CAS number	REACH number	Classification	Classification (EC) 1272/2008	Notes	Weight percent
hydrochloric acid	231-595-7	7647-01-0	01-2119484862-27	C;R34 Xi;R37	Skin Corr. 1B (H314) Met. Corr. 1 (H290) STOT SE 3 (H335)		3-10
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	232-447-4	8030-78-2	No data available	Xn;R22 C;R34 N;R50	Skin Corr. 1B (H314) Aquatic Acute 1 (H400) Acute Tox. 4 (H302)		1-3
propane-1,2-diol	200-338-0	57-55-6	01-2119456809-23	-	-		1-3

\* 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.

#### 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:

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

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 products containing chlorine-based bleaching agents or sulphites.

**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)
hydrochloric acid	1 ppm aerosol mist and gas 2 mg/m <sup>3</sup> aerosol mist and gas	5 ppm aerosol mist and gas 8 mg/m <sup>3</sup> aerosol mist and gas
propane-1,2-diol	150 ppm total particulate and vapour 474 mg/m <sup>3</sup> total particulate and vapour 10 mg/m <sup>3</sup> particulate	450 ppm total particulate and vapour 1422 mg/m <sup>3</sup> total particulate and vapour 30 mg/m <sup>3</sup> particulate

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
hydrochloric acid	No data available	No data available	No data available	No data available
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available	No data available	No data available	No data available
propane-1,2-diol	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)
hydrochloric acid	No data available	No data available	No data available	No data available
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available	No data available	No data available	No data available
propane-1,2-diol	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)
hydrochloric acid	No data available	No data available	No data available	No data available
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available	No data available	No data available	No data available
propane-1,2-diol	No data available	No data available	No data available	No data available

DNEL inhalatory exposure - Worker (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
hydrochloric acid	15	No data available	8	No data available
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available	No data available	No data available	No data available
propane-1,2-diol	No data available	No data available	10	168

DNEL inhalatory exposure - Consumer (mg/m<sup>3</sup>)

Ingredient(s)	Short term - Local effects	Short term - Systemic effects	Long term - Local effects	Long term - Systemic effects
hydrochloric acid	No data available	No data available	No data available	No data available
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available	No data available	No data available	No data available
propane-1,2-diol	No data available	No data available	10	50

**Environmental exposure**

Environmental exposure - PNEC

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Ingredient(s)	Surface water, fresh (mg/l)	Surface water, marine (mg/l)	Intermittent (mg/l)	Sewage treatment plant (mg/l)
hydrochloric acid	0.036	0.036	0.045	0.036
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available	No data available	No data available	No data available
propane-1,2-diol	260	26	183	20000

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
hydrochloric acid	No data available	No data available	No data available	No data available
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available	No data available	No data available	No data available
propane-1,2-diol	572	57.2	50	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:** No special requirements under normal use conditions.  
**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:** Should not reach sewage water or drainage ditch undiluted or unneutralised.

**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

*Information in this section refers to the product, unless it is specifically stated that substance data is listed*

	Method / remark
<b>Physical State:</b> Liquid	
<b>Colour:</b> Clear, Blue	
<b>Odour:</b> Slightly perfumed	
<b>Odour threshold:</b> Not applicable	
<b>pH:</b> < 2 (neat)	
<b>Melting point/freezing point (°C):</b> Not determined	
<b>Initial boiling point and boiling range (°C):</b> Not determined	

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
hydrochloric acid	50-90	Method not given	
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available		
propane-1,2-diol	185-190	Method not given	1013

Method / remark

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**Flash point (°C):** Not applicable.  
**Sustained combustion:** Not determined  
**Evaporation rate:** Not determined  
**Flammability (solid, gas):** Not determined  
**Upper/lower flammability limit (%):** Not determined

Substance data, flammability or explosive limits, if available:

Ingredient(s)	Lower limit (% vol)	Upper limit (% vol)
propane-1,2-diol	2.6	12.6

Method / remark

**Vapour pressure:** Not determined

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
hydrochloric acid	1450-6100	Method not given	20
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available		
propane-1,2-diol	18.6	Method not given	20

Method / remark

**Vapour density:** Not determined  
**Relative density:** 1.04 g/cm<sup>3</sup> (20°C)  
**Solubility in / Miscibility with Water:** Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
hydrochloric acid	500	Method not given	
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available		
propane-1,2-diol	Soluble	Method not given	

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

Method / remark

**Autoignition temperature:** Not determined  
**Decomposition temperature:** Not determined  
**Viscosity:** ≈ 92 mPa.s (20°C)  
**Explosive properties:** Not explosive.  
**Oxidising properties:** Not oxidising.

## 9.2 Other information

**Surface tension (N/m):** Not determined  
**Corrosion to metals (according to IMDG/ADR regulation):** Not determined

Substance data, dissociation constant, if 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

Keep away from products containing chlorine-based bleaching agents or sulphites. Reacts with alkali.

### 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

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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)
hydrochloric acid	LD <sub>50</sub>	900	Rabbit	Method not given	
quatarnary ammonium compounds, trimethyltallow alkyl, chlorides	LD <sub>50</sub>	200 - 2000	Rat	Method not given	
propane-1,2-diol	LD <sub>50</sub>	> 10000	Rat	Method not given	

Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
hydrochloric acid	LD <sub>50</sub>	> 5010	Rabbit	Method not given	
quatarnary ammonium compounds, trimethyltallow alkyl, chlorides		No data available			
propane-1,2-diol	LD <sub>50</sub>	> 2000	Rabbit	Method not given	

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
hydrochloric acid	LC <sub>50</sub>	8	Rat	Method not given	
quatarnary ammonium compounds, trimethyltallow alkyl, chlorides		No data available			
propane-1,2-diol		No data available			

**Irritation and corrosivity**

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
hydrochloric acid	Corrosive	Rabbit	Method not given	
quatarnary ammonium compounds, trimethyltallow alkyl, chlorides	No data available			
propane-1,2-diol	Not irritant	Rabbit	OECD 404 (EU B.4)	

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
hydrochloric acid	Corrosive Severe damage	Rabbit	OECD 405 (EU B.5)	
quatarnary ammonium compounds, trimethyltallow alkyl, chlorides	No data available			
propane-1,2-diol	Not corrosive or irritant	Rabbit	OECD 405 (EU B.5)	

Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
hydrochloric acid	No data available			
quatarnary ammonium compounds, trimethyltallow alkyl, chlorides	No data available			
propane-1,2-diol	No data available			

**Sensitisation**

Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
hydrochloric acid	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	
quatarnary ammonium compounds, trimethyltallow alkyl, chlorides	No data available			
propane-1,2-diol	Not sensitising	Guinea pig	OECD 406 (EU B.6) / GPMT	

Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
hydrochloric acid	No data available			
quatarnary ammonium compounds, trimethyltallow alkyl, chlorides	No data available			
propane-1,2-diol	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
hydrochloric acid		No data available				
quatarnary ammonium compounds, trimethyltallow alkyl, chlorides		No data available				
propane-1,2-diol		No data available				

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## Sub-chronic dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg bw/d)	Species	Method	Exposure time (days)	Specific effects and organs affected
hydrochloric acid		No data available				
quaternary ammonium compounds, trimethyltallow alkyl, chlorides		No data available				
propane-1,2-diol		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
hydrochloric acid		No data available				
quaternary ammonium compounds, trimethyltallow alkyl, chlorides		No data available				
propane-1,2-diol		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
hydrochloric acid			No data available					
quaternary ammonium compounds, trimethyltallow alkyl, chlorides			No data available					
propane-1,2-diol			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
hydrochloric acid	No evidence for carcinogenicity, negative test results
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available
propane-1,2-diol	No evidence for carcinogenicity, negative test results

## Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
hydrochloric acid	No evidence for mutagenicity, weight of evidence	OECD 471 (EU B.12/13)	No data available	
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available		No data available	
propane-1,2-diol	No evidence for mutagenicity, negative test results	Method not given	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
hydrochloric acid			No data available				No evidence for reproductive toxicity
quaternary ammonium compounds, trimethyltallow alkyl, chlorides			No data available				
propane-1,2-diol			No data available				No evidence for reproductive toxicity

**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

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Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
hydrochloric acid	LC <sub>50</sub>	7.45	Various species	Method not given	96
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	LC <sub>50</sub>	< 1	Oncorhynchus mykiss	Method not given	96
propane-1,2-diol	LC <sub>50</sub>	> 1000	Fish	Method not given	24

## Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
hydrochloric acid	EC <sub>50</sub>	0.492	Daphnia magna Straus	Method not given	48
quaternary ammonium compounds, trimethyltallow alkyl, chlorides		No data available			
propane-1,2-diol	EC <sub>50</sub>	> 100	Daphnia	Method not given	48

## Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
hydrochloric acid	EC <sub>50</sub>	0.78	Pseudokirchneriella subcapitata	Method not given	72
quaternary ammonium compounds, trimethyltallow alkyl, chlorides		No data available			
propane-1,2-diol	EC <sub>50</sub>	24200	Desmodesmus subspicatus	OECD 201	72

## Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
hydrochloric acid		No data available			
quaternary ammonium compounds, trimethyltallow alkyl, chlorides		No data available			
propane-1,2-diol		No data available			

## Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
hydrochloric acid		No data available			
quaternary ammonium compounds, trimethyltallow alkyl, chlorides		No data available			
propane-1,2-diol	EC <sub>0</sub>	> 20000	Pseudomonas putida	Method not given	18 hour(s)

## Aquatic long-term toxicity

## Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
hydrochloric acid		No data available				
quaternary ammonium compounds, trimethyltallow alkyl, chlorides		No data available				
propane-1,2-diol		No data available				

## Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
hydrochloric acid		No data available				
quaternary ammonium compounds, trimethyltallow alkyl, chlorides		No data available				
propane-1,2-diol	NOEC	13020	Ceriodaphnia dubia	Method not given	7 day(s)	

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

Ingredient(s)	Endpoint	Value (mg/kg dw sediment)	Species	Method	Exposure time (days)	Effects observed
hydrochloric acid		No data available				
quaternary ammonium compounds, trimethyltallow alkyl, chlorides		No data available				
propane-1,2-diol		No data available				

## Terrestrial toxicity



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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 <sub>50</sub>	Method	Evaluation
hydrochloric acid					Not applicable (inorganic substance)
quaternary ammonium compounds, trimethyltallow alkyl, chlorides					Readily biodegradable
propane-1,2-diol			> 70 % in 28 day(s)	OECD 301A	Readily biodegradable

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 K<sub>ow</sub>)

Ingredient(s)	Value	Method	Evaluation	Remark
hydrochloric acid	-0.25	Method not given	No bioaccumulation expected	
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available			
propane-1,2-diol	-1.07	Method not given	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
hydrochloric acid	No data available				
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available				
propane-1,2-diol	No data available				

## 12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption coefficient Log K <sub>oc</sub>	Desorption coefficient Log K <sub>oc</sub> (des)	Method	Soil/sediment type	Evaluation
hydrochloric acid	No data available				High potential for mobility in soil
quaternary ammonium compounds, trimethyltallow alkyl, chlorides	No data available				
propane-1,2-diol	No data available				Potential for mobility in soil, soluble in water

## 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:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

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**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:** 1789

**14.2 UN proper shipping name:**  
Hydrochloric acid, solution

**14.3 Transport hazard class(es):**

**Class:** 8

**Label(s):** 8

**14.4 Packing group:** III

**14.5 Environmental hazards:**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6 Special precautions for user:** None known.

**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.

**Other relevant information:**

**ADR**

**Classification code:** C1

**Tunnel restriction code:** E

**Hazard identification number:** 80

**IMO/IMDG**

**EmS:** F-A, S-B

The product has been classified, labelled and packaged in accordance with the requirements of ADR and the provisions of the IMDG Code. Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

## SECTION 15: Regulatory information

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

**Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII):** Not applicable.

**Ingredients according to EC Detergents Regulation 648/2004**

cationic surfactants

< 5%

perfumes, Hexyl Cinnamal, Butylphenyl Methylpropional

**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*

**MSDS code:** MSDS6874

**Version:** 04

**Revision:** 2014-02-06

**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.
- R37 - Irritating to respiratory system.
- R50 - Very toxic to aquatic organisms.
- R22 - Harmful if swallowed.
- R36/38 - Irritating to eyes and skin.
- H302 - Harmful if swallowed.
- H314 - Causes severe skin burns and eye damage.
- H335 - May cause respiratory irritation.
- H400 - Very toxic to aquatic life.

**Room Care R6****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**