



## Cif Professional Furniture Polish

Revision: 2018-01-25

Version: 06.1

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

#### 1.1 Product identifier

**Trade name:** Cif Professional Furniture Polish

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

##### Identified uses:

For professional use only.

AISE-P601 - Furniture care product. Manual process

AISE-P602 - Furniture care product. Spray and wipe 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 Europe Operations BV, Maarssebroeksedijk 2, 3542DN Utrecht, The Netherlands

#### Contact details

Unilever UK Ltd., Freepost ADM1000, London SW1A 2XX

Tel: 0800 776647

Diversey Ltd

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: customerservice.uk@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

Aquatic Chronic 3 (H412)

#### 2.2 Label elements

Contains EUH208: 1,2-benzisothiazol-3(2H)-one (Benzisothiazolinone)

#### Hazard statements:

EUH208 - May produce an allergic reaction.

H412 - Harmful to aquatic life with long lasting effects.

#### 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	Notes	Weight percent
alkanes, C9-12 iso-	292-459-0	90622-57-4	01-2119471991-29	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) EUH066 Aquatic Chronic 2 (H411)		10-20
white mineral oil (petroleum)	232-455-8	8042-47-5	01-2119487078-27	Asp. Tox. 1 (H304)		3-10
alkyl alcohol ethoxylate	Polymer*	64425-86-1	[4]	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Aquatic Acute 1 (H400)		0.1-1
1,2-benzisothiazol-3(2H)-one	220-120-9	2634-33-5	No data available	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)		0.01-0.1

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tridec-2-enenitrile	245-142-6	22629-49-8	No data available	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	< 0.01
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\* Polymer.

For the full text of the 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:**

Get medical attention or advice if you feel unwell.

**Skin contact:**

Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.

**Eye contact:**

Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical attention.

**Ingestion:**

Rinse mouth. Immediately drink 1 glass of water. Get medical attention or advice if you feel unwell.

**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:**

No known effects or symptoms in normal use.

**Skin contact:**

No known effects or symptoms in normal use.

**Eye contact:**

No known effects or symptoms in normal use.

**Ingestion:**

No known effects or symptoms in normal use.

### 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. Do not allow to enter the ground/soil. Dilute with plenty of water. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

### 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

**Measures to prevent fire and explosions:**

No special precautions required.

**Measures required to protect the environment:**

For environmental exposure controls see subsection 8.2.

**Advices on general occupational hygiene:**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Use personal protective equipment as required. Use only with adequate ventilation.

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**7.2 Conditions for safe storage, including any incompatibilities**

Store in accordance with local and national regulations. Keep only in original container. Store in a closed container. Store in a well-ventilated place. Keep cool.

For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

**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:

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
alkanes, C9-12 iso-	No data available	No data available	No data available	No data available
white mineral oil (petroleum)	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
1,2-benzisothiazol-3(2H)-one	-	-	-	-
tridec-2-enenitrile	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)
alkanes, C9-12 iso-	No data available	No data available	No data available	No data available
white mineral oil (petroleum)	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
1,2-benzisothiazol-3(2H)-one	-	-	-	-
tridec-2-enenitrile	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)
alkanes, C9-12 iso-	No data available	No data available	No data available	No data available
white mineral oil (petroleum)	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
1,2-benzisothiazol-3(2H)-one	-	-	-	-
tridec-2-enenitrile	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
alkanes, C9-12 iso-	No data available	No data available	No data available	No data available
white mineral oil (petroleum)	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
1,2-benzisothiazol-3(2H)-one	-	-	-	-
tridec-2-enenitrile	No data available	No data available	No data available	No data available

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
alkanes, C9-12 iso-	No data available	No data available	No data available	No data available
white mineral oil (petroleum)	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
1,2-benzisothiazol-3(2H)-one	-	-	-	-
tridec-2-enenitrile	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)
alkanes, C9-12 iso-	No data available	No data available	No data available	No data available

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white mineral oil (petroleum)	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
1,2-benzisothiazol-3(2H)-one	-	-	-	-
tridec-2-enenitrile	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 <sup>3</sup> )
alkanes, C9-12 iso-	No data available	No data available	No data available	No data available
white mineral oil (petroleum)	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
1,2-benzisothiazol-3(2H)-one	-	-	-	-
tridec-2-enenitrile	No data available	No data available	No data available	No data available

## 8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet. 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:** Provide a good standard of general ventilation.  
**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 (EN 166).  
**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

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> Milky, White	
<b>Odour:</b> Slightly perfumed	
<b>Odour threshold:</b> Not applicable	
<b>pH:</b> ≈ 6 (neat)	
<b>Melting point/freezing point (°C):</b> Not determined	Not relevant to classification of this product
<b>Initial boiling point and boiling range (°C):</b> Not determined	

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
alkanes, C9-12 iso-	140-200	Non guideline test	
white mineral oil (petroleum)	> 315	Method not given	
alkyl alcohol ethoxylate	No data available		
1,2-benzisothiazol-3(2H)-one	No data available		
tridec-2-enenitrile	No data available		

	Method / remark
<b>Flash point (°C):</b> > 61	closed cup
<b>Sustained combustion:</b> Not applicable. ( UN Manual of Tests and Criteria, section 32, L.2 )	
<b>Evaporation rate:</b> Not determined	
<b>Flammability (solid, gas):</b> Not determined	
<b>Upper/lower flammability limit (%):</b> Not determined	

Substance data, flammability or explosive limits, if available:

Ingredient(s)	Lower limit (% vol)	Upper limit (% vol)
alkanes, C9-12 iso-	0.6	7

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## Method / remark

**Vapour pressure:** Not determined

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
alkanes, C9-12 iso-	200	Method not given	20
white mineral oil (petroleum)	< 1.3	Method not given	37.8
alkyl alcohol ethoxylate	No data available		
1,2-benzisothiazol-3(2H)-one	No data available		
tridec-2-enenitrile	No data available		

## Method / remark

**Vapour density:** Not determined

**Relative density:** ≈ 0.95 (20 °C)

**Solubility in / Miscibility with Water:** Fully miscible

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
alkanes, C9-12 iso-	Insoluble		
white mineral oil (petroleum)	Insoluble	Method not given	
alkyl alcohol ethoxylate	No data available		
1,2-benzisothiazol-3(2H)-one	No data available		
tridec-2-enenitrile	No data available		

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

## Method / remark

**Autoignition temperature:** Not determined

**Decomposition temperature:** Not applicable.

**Viscosity:** ≈ 150 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:** Not corrosive

Not relevant to classification of this product  
Weight of evidence

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

None known under normal use conditions.

### 10.6 Hazardous decomposition products

None known under normal storage and use conditions.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

No data is available on the mixture.

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

### Acute toxicity

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## Acute oral toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alkanes, C9-12 iso-white mineral oil (petroleum)	LD <sub>50</sub>	> 5000	Rat	OECD 401 (EU B.1)	
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one	LD <sub>50</sub>	> 2000	Rat		
tridec-2-enenitrile		No data available			

## Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
alkanes, C9-12 iso-white mineral oil (petroleum)	LD <sub>50</sub>	> 5000	Rabbit	OECD 402 (EU B.3)	
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one	LD <sub>50</sub>	> 2000	Rat	OECD 402 (EU B.3)	
tridec-2-enenitrile		No data available			

## Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkanes, C9-12 iso-white mineral oil (petroleum)	LC <sub>50</sub>	> 5 (vapour)	Rat	OECD 403 (EU B.2)	8
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			
tridec-2-enenitrile		No data available			

## Irritation and corrosivity

## Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkanes, C9-12 iso-white mineral oil (petroleum)	Not irritant		OECD 404 (EU B.4)	
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	Corrosive			
tridec-2-enenitrile	No data available			

## Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkanes, C9-12 iso-white mineral oil (petroleum)	Not corrosive or irritant		OECD 405 (EU B.5)	
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			
tridec-2-enenitrile	No data available			

## Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
alkanes, C9-12 iso-white mineral oil (petroleum)	No data available			
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			
tridec-2-enenitrile	No data available			

## Sensitisation

## Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
alkanes, C9-12 iso-white mineral oil (petroleum)	Not sensitising		OECD 406 (EU B.6) / Buehler test	
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	Sensitising	Guinea pig		
tridec-2-enenitrile	No data available			

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## Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
alkanes, C9-12 iso-	No data available			
white mineral oil (petroleum)	No data available			
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			
tridec-2-enenitrile	No data available			

## CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

## Mutagenicity

Ingredient(s)	Result (in-vitro)	Method (in-vitro)	Result (in-vivo)	Method (in-vivo)
alkanes, C9-12 iso-	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13) OECD 473	No evidence for mutagenicity, negative test results	OECD 474 (EU B.12) OECD 478
white mineral oil (petroleum)	No data available		No data available	
alkyl alcohol ethoxylate	No data available		No data available	
1,2-benzisothiazol-3(2H)-one	No evidence for mutagenicity, negative test results	OECD 471 (EU B.12/13)	No data available	
tridec-2-enenitrile	No data available		No data available	

## Carcinogenicity

Ingredient(s)	Effect
alkanes, C9-12 iso-	No evidence for carcinogenicity, negative test results
white mineral oil (petroleum)	No data available
alkyl alcohol ethoxylate	No data available
1,2-benzisothiazol-3(2H)-one	No data available
tridec-2-enenitrile	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
alkanes, C9-12 iso-			No data available				No evidence for reproductive toxicity
white mineral oil (petroleum)			No data available				
alkyl alcohol ethoxylate			No data available				
1,2-benzisothiazol-3(2H)-one			No data available				
tridec-2-enenitrile			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
alkanes, C9-12 iso-		No data available				
white mineral oil (petroleum)		No data available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		No data available				
tridec-2-enenitrile		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
alkanes, C9-12 iso-		No data available				
white mineral oil (petroleum)		No data available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		No data available				
tridec-2-enenitrile		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
alkanes, C9-12 iso-		No data available				
white mineral oil (petroleum)		No data available				

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		available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		No data available				
tridec-2-enenitrile		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
alkanes, C9-12 iso-			No data available					
white mineral oil (petroleum)			No data available					
alkyl alcohol ethoxylate			No data available					
1,2-benzisothiazol-3(2H)-one			No data available					
tridec-2-enenitrile			No data available					

## STOT-single exposure

Ingredient(s)	Affected organ(s)
alkanes, C9-12 iso-	No data available
white mineral oil (petroleum)	No data available
alkyl alcohol ethoxylate	No data available
1,2-benzisothiazol-3(2H)-one	No data available
tridec-2-enenitrile	No data available

## STOT-repeated exposure

Ingredient(s)	Affected organ(s)
alkanes, C9-12 iso-	No data available
white mineral oil (petroleum)	No data available
alkyl alcohol ethoxylate	No data available
1,2-benzisothiazol-3(2H)-one	No data available
tridec-2-enenitrile	No data available

## Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density of the product.

## 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

No 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)
alkanes, C9-12 iso-	LC <sub>50</sub>	1000	<i>Oncorhynchus mykiss</i>	Method not given	96
white mineral oil (petroleum)		No data available			
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			
tridec-2-enenitrile		No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkanes, C9-12 iso-	EC <sub>50</sub>	1000	<i>Daphnia magna</i> Straus	Method not given	48
white mineral oil (petroleum)		No data available			
alkyl alcohol ethoxylate		No data available			



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1,2-benzisothiazol-3(2H)-one		No data available			
tridec-2-enenitrile		No data available			

## Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
alkanes, C9-12 iso-	EC <sub>0</sub>	1000	<i>Pseudokirchneriella subcapitata</i>	Method not given	72
white mineral oil (petroleum)		No data available			
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			
tridec-2-enenitrile		No data available			

## Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
alkanes, C9-12 iso-		No data available			-
white mineral oil (petroleum)		No data available			
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			
tridec-2-enenitrile		No data available			

## Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
alkanes, C9-12 iso-		No data available			
white mineral oil (petroleum)		No data available			
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one	EC <sub>20</sub>	3.3	<i>Activated sludge</i>	OECD 209	3 hour(s)
tridec-2-enenitrile		No data available			

## Aquatic long-term toxicity

## Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alkanes, C9-12 iso-		No data available				
white mineral oil (petroleum)		No data available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		No data available				
tridec-2-enenitrile		No data available				

## Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
alkanes, C9-12 iso-	NOEC	0.025	<i>Daphnia magna</i>	Method not given	21 day(s)	
white mineral oil (petroleum)		No data available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		No data available				
tridec-2-enenitrile		No data available				

## 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

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alkanes, C9-12 iso-		No data available			-	
white mineral oil (petroleum)		No data available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		No data available				
tridec-2-enenitrile		No data available				

**Terrestrial toxicity**

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

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkanes, C9-12 iso-		No data available			-	

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkanes, C9-12 iso-		No data available			-	

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
alkanes, C9-12 iso-		No data available			-	

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkanes, C9-12 iso-		No data available			-	

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
alkanes, C9-12 iso-		No data 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
alkanes, C9-12 iso-					No data available
white mineral oil (petroleum)				OECD 301F	Not readily biodegradable.
alkyl alcohol ethoxylate				OECD 301B	Readily biodegradable
1,2-benzisothiazol-3(2H)-one				Weight of evidence	Not readily biodegradable.
tridec-2-enenitrile					Not readily biodegradable.

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

Ingredient(s)	Medium & Type	Analytical method	DT <sub>50</sub>	Method	Evaluation
alkanes, C9-12 iso-	Surface water (fresh)		31.3 % in 28 day(s)	Method not given	No data available
1,2-benzisothiazol-3(2H)-one	Sewage treatment plant simulation	Primary degradation	> 90%	OECD 303A	Biodegradable

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
alkanes, C9-12 iso-	No data available			

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white mineral oil (petroleum)	No data available			
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	0.7	OECD 107	No bioaccumulation expected	
tridec-2-enenitrile	No data available			

## Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
alkanes, C9-12 iso-	No data available				
white mineral oil (petroleum)	No data available				
alkyl alcohol ethoxylate	No data available				
1,2-benzisothiazol-3(2H)-one	6.95		OECD 305		
tridec-2-enenitrile	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
alkanes, C9-12 iso-	No data available				
white mineral oil (petroleum)	No data available				
alkyl alcohol ethoxylate	No data available				
1,2-benzisothiazol-3(2H)-one	No data available				
tridec-2-enenitrile	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:

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.

## 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**

## Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

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 and the IBC Code: Non-dangerous goods

**SECTION 15: Regulatory information**

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

## EU regulations:

- Regulation (EC) No 1272/2008 - CLP
- Regulation (EC) No. 1907/2006 - REACH
- Regulation (EC) No. 648/2004 - Detergents regulation

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

## Ingredients according to EC Detergents Regulation 648/2004

aliphatic hydrocarbons

15 - 30%

non-ionic surfactants

&lt; 5%

perfumes, Hexyl Cinnamal, Butylphenyl Methylpropional, Benzisothiazolinone,

Methylisothiazolinone

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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.

**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*

**SDS code:** MSDS3655

**Version:** 06.1

**Revision:** 2018-01-25

**Reason for revision:**

This data sheet contains changes from the previous version in section(s):, 2, 3, 16

**Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

**Full text of the H and EUH phrases mentioned in section 3:**

- H226 - Flammable liquid and vapour.
- H302 - Harmful if swallowed.
- H304 - May be fatal if swallowed and enters airways.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H318 - Causes serious eye damage.
- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.
- H411 - Toxic to aquatic life with long lasting effects.
- EUH066 - Repeated exposure may cause skin dryness or cracking.

**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
- ATE - Acute Toxicity Estimate

**End of Safety Data Sheet**