

**Cif Professional Wood Furniture Polish**

Revision: 2017-06-04

Version: 01.1

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

**1.1 Product identifier**

**Trade name:** Cif Professional Wood Furniture Polish  
*Cif is a registered trade mark and is used under licence of Unilever*

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

**Identified uses:**  
AISE-P302 - General purpose cleaner. Spray and wipe manual process  
AISE-P602 - Furniture care product. Spray and wipe manual process  
AISE-C20 - Furniture floor & leather care (spray, liquid) for consumer use  
**Uses advised against:** Uses other than those identified are not recommended

**1.3 Details of the supplier of the safety data sheet**

**Contact details**

Unilever UK Ltd., Freeport 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@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**

Aerosol 3 (H229)

**2.2 Label elements**

**Signal word:** Warning.

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

**Hazard statements:**

H229 - Pressurised container: May burst if heated.  
EUH208 - May produce an allergic reaction.

**Precautionary statements:**

P102 - Keep out of reach of children.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P251 - Do not pierce or burn, even after use.  
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

**Further indications on the label:**

2 % by mass of the contents are flammable.

**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
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## Cif Professional Wood Furniture Polish

					percent
white mineral oil (petroleum)	232-455-8	8042-47-5	01-2119487078-27	Asp. Tox. 1 (H304)	3-10
butane	203-448-7	106-97-8	01-2119486944-21	Flam. Gas 1 (H220)	1-3
alkyl alcohol ethoxylate	Polymer*	64425-86-1	[4]	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Aquatic Acute 1 (H400)	0.1-1
alkyl alcohol ethoxylate	Polymer*	68439-50-9	[4]	Acute Tox. 4 (H302) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	0.1-1
1,2-benzisothiazol-3(2H)-one	220-120-9	2634-33-5	No data available	Acute Tox. 2 (H330) Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)	0.01-0.1

\* Polymer.

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.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16.

## 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. Never give anything by mouth to an unconscious person. 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

Cool endangered packaging with water spray jet.

### 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

No special environmental precautions required. 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). Absorb liquid components with liquid-binding material.

### 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

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**7.1 Precautions for safe handling****Measures to prevent fire and explosions:**

Keep away from heat. BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50° C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

**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. Keep out of reach of children. Handle and open container with care. Do not mix with other products unless advised by Sealed Air. 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.

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

Store in accordance with local and national regulations. Keep out of reach of children. Keep only in original container. Store in a closed container. Keep away from heat and direct sunlight.

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:

Ingredient(s)	UK - Long term value(s)	UK - Short term value(s)
butane	600 ppm 1450 mg/m <sup>3</sup>	750 ppm 1810 mg/m <sup>3</sup>

Biological limit values, 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
white mineral oil (petroleum)	No data available	No data available	No data available	No data available
butane	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
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-one	-	-	-	-

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)
white mineral oil (petroleum)	No data available	No data available	No data available	No data available
butane	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
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-one	-	-	-	-

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)
white mineral oil (petroleum)	No data available	No data available	No data available	No data available
butane	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
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-one	-	-	-	-

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
white mineral oil (petroleum)	No data available	No data available	No data available	No data available
butane	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

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alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-one	-	-	-	-

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
white mineral oil (petroleum)	No data available	No data available	No data available	No data available
butane	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
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-one	-	-	-	-

**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)
white mineral oil (petroleum)	No data available	No data available	No data available	No data available
butane	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
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-one	-	-	-	-

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
white mineral oil (petroleum)	No data available	No data available	No data available	No data available
butane	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
alkyl alcohol ethoxylate	No data available	No data available	No data available	No data available
1,2-benzisothiazol-3(2H)-one	-	-	-	-

**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. Ensure that foam equipment does not generate respirable particles.

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

**Personal protective equipment****Eye / face protection:**

Safety glasses or goggles (EN 166) are always recommended for foam applications.

**Hand protection:**

Chemical-resistant protective gloves (EN 374) are always recommended for foam applications. 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:  $\geq$  480 min  
Material thickness:  $\geq$  0.7 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:**

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 Aerosol	
<b>Colour:</b> Milky, White	
<b>Odour:</b> Slightly perfumed	
<b>Odour threshold:</b> Not applicable	
<b>pH:</b> $\approx$ 5 (neat)	ISO 4316
<b>Dilution pH:</b> $\approx$ 5	ISO 4316
<b>Melting point/freezing point (°C):</b> Not determined	N.A.
<b>Initial boiling point and boiling range (°C):</b> Not determined	See substance data Not applicable as product is an

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aerosol

## Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
white mineral oil (petroleum)	> 315	Method not given	
butane	No data available		
alkyl alcohol ethoxylate	No data available		
alkyl alcohol ethoxylate	No data available		
1,2-benzisothiazol-3(2H)-one	No data available		

**Flash point (°C):** Not applicable as product is an aerosol 61**Sustained combustion:** Not applicable.  
( UN Manual of Tests and Criteria, section 32, L.2 )**Evaporation rate:** Not relevant for classification of this product.**Flammability (solid, gas):** Not applicable to liquids**Upper/lower flammability limit (%):** Not determined**Method / remark**

Weight of evidence

Not relevant to classification of this product

See substance data

Substance data, flammability or explosive limits, if available:

**Method / remark**

See substance data

**Vapour pressure:** Not determined

## Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
white mineral oil (petroleum)	< 1.3	Method not given	37.8
butane	No data available		
alkyl alcohol ethoxylate	No data available		
alkyl alcohol ethoxylate	No data available		
1,2-benzisothiazol-3(2H)-one	No data available		

**Method / remark**Not relevant to classification of this product  
OECD 109 (EU A.3)**Vapour density:** Not determined**Relative density:** ≈ 0.96 (20 °C)**Solubility in / Miscibility with Water:** Fully miscible

## Substance data, solubility in water

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

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

**Autoignition temperature:** Not relevant for classification of this product.**Decomposition temperature:** Not applicable.**Viscosity:** ≈ 150 mPa.s (20 °C)**Explosive properties:** Not explosive.**Oxidising properties:** Not oxidising.**Method / remark**

Not relevant to classification of this product N.A

Not relevant to classification of this product

N.A

Not oxidising, based on substance properties

**9.2 Other information****Surface tension (N/m):** Not determined**Corrosion to metals:** Not corrosive

Not relevant to classification of this product OECD 115

N.A.

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.

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**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**

Mixture data:.

**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): &gt;5000

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)
white mineral oil (petroleum)		No data available			
butane		No data available			
alkyl alcohol ethoxylate		No data available			
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one	LD <sub>50</sub>	> 2000	Rat		

Acute dermal toxicity

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

Acute inhalative toxicity

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
white mineral oil (petroleum)		No data available			
butane		No data available			
alkyl alcohol ethoxylate		No data available			
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

**Irritation and corrosivity**

Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
white mineral oil (petroleum)	No data available			
butane	No data available			
alkyl alcohol ethoxylate	No data available			
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	Corrosive			

Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
white mineral oil (petroleum)	No data available			

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butane	No data available			
alkyl alcohol ethoxylate	No data available			
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			

## Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
white mineral oil (petroleum)	No data available			
butane	No data available			
alkyl alcohol ethoxylate	No data available			
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	No data available			

## Sensitisation

## Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
white mineral oil (petroleum)	No data available			
butane	No data available			
alkyl alcohol ethoxylate	No data available			
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	Sensitising	Guinea pig		

## Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
white mineral oil (petroleum)	No data available			
butane	No data available			
alkyl alcohol ethoxylate	No data available			
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	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)
white mineral oil (petroleum)	No data available		No data available	
butane	No data available		No data available	
alkyl alcohol ethoxylate	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	

## Carcinogenicity

Ingredient(s)	Effect
white mineral oil (petroleum)	No data available
butane	No data available
alkyl alcohol ethoxylate	No data available
alkyl alcohol ethoxylate	No data available
1,2-benzisothiazol-3(2H)-one	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
white mineral oil (petroleum)			No data available				
butane			No data available				
alkyl alcohol ethoxylate			No data available				
alkyl alcohol ethoxylate			No data available				
1,2-benzisothiazol-3(2H)-one			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
white mineral oil (petroleum)		No data available				
butane		No data available				
alkyl alcohol ethoxylate		No data available				

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alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		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
white mineral oil (petroleum)		No data available				
butane		No data available				
alkyl alcohol ethoxylate		No data available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		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
white mineral oil (petroleum)		No data available				
butane		No data available				
alkyl alcohol ethoxylate		No data available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		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
white mineral oil (petroleum)			No data available					
butane			No data available					
alkyl alcohol ethoxylate			No data available					
alkyl alcohol ethoxylate			No data available					
1,2-benzisothiazol-3(2H)-one			No data available					

## STOT-single exposure

Ingredient(s)	Affected organ(s)
white mineral oil (petroleum)	No data available
butane	No data available
alkyl alcohol ethoxylate	No data available
alkyl alcohol ethoxylate	No data available
1,2-benzisothiazol-3(2H)-one	No data available

## STOT-repeated exposure

Ingredient(s)	Affected organ(s)
white mineral oil (petroleum)	No data available
butane	No data available
alkyl alcohol ethoxylate	No data available
alkyl alcohol ethoxylate	No data available
1,2-benzisothiazol-3(2H)-one	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:

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**Aquatic short-term toxicity**

Aquatic short-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
white mineral oil (petroleum)		No data available			
butane		No data available			
alkyl alcohol ethoxylate		No data available			
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
white mineral oil (petroleum)		No data available			
butane		No data available			
alkyl alcohol ethoxylate		No data available			
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
white mineral oil (petroleum)		No data available			
butane		No data available			
alkyl alcohol ethoxylate		No data available			
alkyl alcohol ethoxylate		No data available			
1,2-benzisothiazol-3(2H)-one		No data available			

Aquatic short-term toxicity - marine species

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

Impact on sewage plants - toxicity to bacteria

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

**Aquatic long-term toxicity**

Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
white mineral oil (petroleum)		No data available				
butane		No data available				
alkyl alcohol ethoxylate		No data available				

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		available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		No data available				

## Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
white mineral oil (petroleum)		No data available				
butane		No data available				
alkyl alcohol ethoxylate		No data available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		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
white mineral oil (petroleum)		No data available				
butane		No data available				
alkyl alcohol ethoxylate		No data available				
alkyl alcohol ethoxylate		No data available				
1,2-benzisothiazol-3(2H)-one		No data 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 <sub>50</sub>	Method	Evaluation
white mineral oil (petroleum)				OECD 301F	Not readily biodegradable.
butane					No data available
alkyl alcohol ethoxylate				OECD 301B	Readily biodegradable
alkyl alcohol ethoxylate					No data available
1,2-benzisothiazol-3(2H)-one					No data available

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
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 K<sub>ow</sub>)

Ingredient(s)	Value	Method	Evaluation	Remark
white mineral oil (petroleum)	No data available			
butane	No data available			

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alkyl alcohol ethoxylate	No data available			
alkyl alcohol ethoxylate	No data available			
1,2-benzisothiazol-3(2H)-one	0.7	OECD 107	No bioaccumulation expected	

## Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
white mineral oil (petroleum)	No data available				
butane	No data available				
alkyl alcohol ethoxylate	No data available				
alkyl alcohol ethoxylate	No data available				
1,2-benzisothiazol-3(2H)-one	6.95		OECD 305		

## 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
white mineral oil (petroleum)	No data available				
butane	No data available				
alkyl alcohol ethoxylate	No data available				
alkyl alcohol ethoxylate	No data available				
1,2-benzisothiazol-3(2H)-one	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:

16 05 05 - gases in pressure containers other than those mentioned in 16 05 04.

## 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: 1950

14.2 UN proper shipping name:

Aerosols

14.3 Transport hazard class(es):

Class: 2

Label(s): 2.2

14.4 Packing group: -

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 and the IBC Code: The product is not transported in bulk tankers.

## Other relevant information:

## ADR

Classification code: 5A

Tunnel restriction code: E

## IMO/IMDG

EmS: F-D, S-U

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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

#### EU regulations:

- Regulation (EC) No. 1907/2006 - REACH
- Regulation (EC) No 1272/2008 - CLP
- Directive 75/324/EEC on aerosol dispensers
- 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	5 - 15 %
non-ionic surfactants	< 5 %
perfumes, Benzisothiazolinone, Methylisothiazolinone	

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:** MS1003462

**Version:** 01.1

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#### 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:

- H220 - Extremely flammable gas.
- 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.
- H330 - Fatal if inhaled.
- H400 - Very toxic to aquatic life.
- H411 - Toxic to aquatic life with long lasting effects.

#### 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**