

**Pledge Furniture Polish**

Revision: 2015-10-18

Version: 05.0

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

**1.1 Product identifier**

**Trade name:** Pledge Furniture Polish  
*Pledge ® Used under authority from S.C. Johnson & Son Inc., Racine, Wisconsin, U.S.A.*

**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, Maarssenbroeksedijk 2, 3542DN Utrecht, The Netherlands

**Contact details**

Diversey Ltd  
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 Regulation (EC) No 1272/2008.

Aerosol 3 (H229)

**The product does not meet the criteria for classification in accordance with Directive 1999/45/EC and corresponding national legislation**

**2.2 Label elements**

**Signal word:** Warning.

**Hazard statements:**

H229 - Pressurised container: May burst if heated.

**Precautionary statements:**

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:**

12 % 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	Classification (1999/45/EC)	Notes	Weight percent
naphtha (petroleum),	265-150-3	64742-48-9	No data available	Flam. Liq. 3 (H226)	R10-66-67		10-20

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hydrotreated heavy				Asp. Tox. 1 (H304) STOT SE 3 (H336) EUH066	Xn;R65		
methanol	200-659-6	67-56-1	No data available	Flam. Liq. 2 (H225) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H331) STOT SE 1 (H370)	F;R11 T;R23/24/25-39/23/24/25		0.1-1
bronopol (INN)	200-143-0	52-51-7	No data available	Acute Tox. 4 (H302) Acute Tox. 4 (H312) STOT SE 3 (H335) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411)	Xn;R21/22 Xi;R37/38-41 N;R50		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 R, H and EUH phrases mentioned in this Section, see Section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

<b>Inhalation:</b>	Get medical attention or advice if you feel unwell.
<b>Skin contact:</b>	Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.
<b>Eye contact:</b>	Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical attention.
<b>Ingestion:</b>	Rinse mouth. Immediately drink 1 glass of water. Get medical attention or advice if you feel unwell.
<b>Self-protection of first aider:</b>	Consider personal protective equipment as indicated in subsection 8.2.

### 4.2 Most important symptoms and effects, both acute and delayed

<b>Inhalation:</b>	No known effects or symptoms in normal use.
<b>Skin contact:</b>	No known effects or symptoms in normal use.
<b>Eye contact:</b>	No known effects or symptoms in normal use.
<b>Ingestion:</b>	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

### 7.1 Precautions for safe handling

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**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. 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 only in original container. Store in a closed container. 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)
methanol	200 ppm 266 mg/m <sup>3</sup>	250 ppm 333 mg/m <sup>3</sup>

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
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	-	8	-	8
bronopol (INN)	-	-	-	-

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)
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	No data available	40	No data available	40
bronopol (INN)	-	-	-	-

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)
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	No data available	8	No data available	8
bronopol (INN)	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
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	260	260	260	260
bronopol (INN)	-	-	-	-

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
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	50	50	50	50
bronopol (INN)	-	-	-	-

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## 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)
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	154	15.4	1540	100
bronopol (INN)	0.01	0.0008	0.0025	0.43

Environmental exposure - PNEC, continued

Ingredient(s)	Sediment, freshwater (mg/kg)	Sediment, marine (mg/kg)	Soil (mg/kg)	Air (mg/m <sup>3</sup> )
naphtha (petroleum), hydrotreated heavy	No data available	No data available	No data available	No data available
methanol	570.4	-	23.5	-
bronopol (INN)	0.041	0.00328	0.5	-

## 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:** Use only in well ventilated areas.  
**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:** 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

**Physical State:** Liquid Aerosol  
**Colour:** Milky, White  
**Odour:** Slightly perfumed  
**Odour threshold:** Not applicable  
**pH:**  
**Melting point/freezing point (°C):** Not determined  
**Initial boiling point and boiling range (°C):** Not applicable as product is an aerosol

Substance data, boiling point

Ingredient(s)	Value (°C)	Method	Atmospheric pressure (hPa)
naphtha (petroleum), hydrotreated heavy	No data available		
methanol	No data available		
bronopol (INN)	No data available		

## Method / remark

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

Substance data, flammability or explosive limits, if available:

## Method / remark

**Vapour pressure:** Not determined

Substance data, vapour pressure

Ingredient(s)	Value (Pa)	Method	Temperature (°C)
naphtha (petroleum), hydrotreated heavy	No data available		

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methanol	No data available		
bronopol (INN)	0.0051	OECD 104 (EU A.4)	20

## Method / remark

**Vapour density:** Not determined

**Relative density:** Not determined

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

Substance data, solubility in water

Ingredient(s)	Value (g/l)	Method	Temperature (°C)
naphtha (petroleum), hydrotreated heavy	No data available		
methanol	No data available		
bronopol (INN)	280	Method not given	23

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

## Method / remark

**Autoignition temperature:** Not determined

**Decomposition temperature:** Not applicable.

**Viscosity:** Not determined

**Explosive properties:** Not explosive.

**Oxidising properties:** Not oxidising

### 9.2 Other information

**Surface tension (N/m):** Not determined

**Corrosion to metals:** Not corrosive

Substance data, dissociation constant, if available:

Ingredient(s)	Value	Method	Temperature (°C)
bronopol (INN)	9.56 (pKa)	Method not given	21

## 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

Keep away from heat and direct sunlight. Protect from sunlight.

### 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): >2000

ATE - Dermal (mg/kg): >2000

ATE - Inhalatory, vapours (mg/l): >20

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)
naphtha (petroleum), hydrotreated heavy		No data available			

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methanol		No data available			
bronopol (INN)	LD <sub>50</sub>	305	Rat	OECD 401 (EU B.1)	-

## Acute dermal toxicity

Ingredient(s)	Endpoint	Value (mg/kg)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			
bronopol (INN)	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)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			
bronopol (INN)	LC <sub>50</sub>	>= 0.588 (dust)	Rat	Method not given	4

## Irritation and corrosivity

## Skin irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			
bronopol (INN)	Irritant	Rabbit	OECD 404 (EU B.4)	

## Eye irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			
bronopol (INN)	Severe damage	Rabbit	Method not given	

## Respiratory tract irritation and corrosivity

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			
bronopol (INN)	No data available			

## Sensitisation

## Sensitisation by skin contact

Ingredient(s)	Result	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			
bronopol (INN)	No data available			-

## Sensitisation by inhalation

Ingredient(s)	Result	Species	Method	Exposure time
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			
bronopol (INN)	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)
naphtha (petroleum), hydrotreated heavy	No data available		No data available	
methanol	No data available		No data available	
bronopol (INN)	No evidence for mutagenicity, negative test results	Method not given	No data available	

## Carcinogenicity

Ingredient(s)	Effect
naphtha (petroleum), hydrotreated heavy	No data available
methanol	No data available
bronopol (INN)	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
naphtha (petroleum),			No data				

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hydrotreated heavy			available				
methanol			No data available				
bronopol (INN)			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
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		No data available				
bronopol (INN)		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
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		No data available				
bronopol (INN)		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
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		No data available				
bronopol (INN)		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
naphtha (petroleum), hydrotreated heavy			No data available					
methanol			No data available					
bronopol (INN)			No data available					

STOT-single exposure

Ingredient(s)	Affected organ(s)
naphtha (petroleum), hydrotreated heavy	No data available
methanol	No data available
bronopol (INN)	No data available

STOT-repeated exposure

Ingredient(s)	Affected organ(s)
naphtha (petroleum), hydrotreated heavy	No data available
methanol	No data available
bronopol (INN)	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	Species	Method	Exposure
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		(mg/l)			time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			
bronopol (INN)	LC <sub>50</sub>	41.2	<i>Oncorhynchus mykiss</i>	Method not given	96

## Aquatic short-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			
bronopol (INN)	EC <sub>50</sub>	1.4	<i>Not specified</i>	Method not given	48

## Aquatic short-term toxicity - algae

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (h)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			
bronopol (INN)	EC <sub>50</sub>	0.4 - 2.8	<i>Not specified</i>	Method not given	72

## Aquatic short-term toxicity - marine species

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time (days)
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			
bronopol (INN)		No data available			-

## Impact on sewage plants - toxicity to bacteria

Ingredient(s)	Endpoint	Value (mg/l)	Inoculum	Method	Exposure time
naphtha (petroleum), hydrotreated heavy		No data available			
methanol		No data available			
bronopol (INN)	EC <sub>20</sub>	2	<i>Activated sludge</i>	OECD 209	150 minute(s)

## Aquatic long-term toxicity

## Aquatic long-term toxicity - fish

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		No data available				
bronopol (INN)	EC <sub>50</sub>	39.1	<i>Oncorhynchus mykiss</i>	OECD 210	49 hour(s)	

## Aquatic long-term toxicity - crustacea

Ingredient(s)	Endpoint	Value (mg/l)	Species	Method	Exposure time	Effects observed
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		No data available				
bronopol (INN)	NOEC	0.27	<i>Daphnia magna</i>	OECD 211, flow-through	21 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
naphtha (petroleum), hydrotreated heavy		No data available				
methanol		No data available				
bronopol (INN)		No data available			-	

## Terrestrial toxicity

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



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Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
bronopol (INN)	LD <sub>50</sub>	> 500	<i>Eisenia fetida</i>	OECD 207	14	

Terrestrial toxicity - plants, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
bronopol (INN)		No data available			-	

Terrestrial toxicity - birds, if available:

Ingredient(s)	Endpoint	Value	Species	Method	Exposure time (days)	Effects observed
bronopol (INN)		No data available			-	

Terrestrial toxicity - beneficial insects, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
bronopol (INN)		No data available			-	

Terrestrial toxicity - soil bacteria, if available:

Ingredient(s)	Endpoint	Value (mg/kg dw soil)	Species	Method	Exposure time (days)	Effects observed
bronopol (INN)		No data available			-	

**12.2 Persistence and degradability****Abiotic degradation**

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:

Ingredient(s)	Half-life time in fresh water	Method	Evaluation	Remark
bronopol (INN)	No data available	OECD 111	Rapidly hydrolysible	

Abiotic degradation - other processes, if available:

**Biodegradation**

Ready biodegradability - aerobic conditions

Ingredient(s)	Inoculum	Analytical method	DT <sub>50</sub>	Method	Evaluation
naphtha (petroleum), hydrotreated heavy					No data available
methanol					No data available
bronopol (INN)					No data available

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log Kow)

Ingredient(s)	Value	Method	Evaluation	Remark
naphtha (petroleum), hydrotreated heavy	No data available			
methanol	No data available			
bronopol (INN)	0.18	Method not given	No bioaccumulation expected	

Bioconcentration factor (BCF)

Ingredient(s)	Value	Species	Method	Evaluation	Remark
naphtha (petroleum), hydrotreated heavy	No data available				
methanol	No data available				
bronopol (INN)	No data available				

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

Ingredient(s)	Adsorption	Desorption	Method	Soil/sediment	Evaluation

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	coefficient Log Koc	coefficient Log Koc(des)		type	
naphtha (petroleum), hydrotreated heavy	No data available				
methanol	No data available				
bronopol (INN)	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****ADR, RID, ADN, IMO/IMDG, ICAO/IATA**

**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 73/78 and the IBC Code:** The product is not transported in bulk tankers.

**Other relevant information:****ADR**

**Classification code:** 5A

**Tunnel restriction code:** E

**Hazard identification number:** -

**IMO/IMDG**

**EmS:** F-D, S-U

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:**

Directive 75/324/EEC on aerosol dispensers

**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%

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non-ionic surfactants  
 perfumes, 2-Bromo-2-Nitropropane-1,3-Diol, Limonene

&lt; 5%

**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: MSDS4681

Version: 05.0

Revision: 2015-10-18

**Reason for revision:**

This data sheet contains changes from the previous version in section(s): 1, 3

**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 R, H and EUH phrases mentioned in section 3:**

- H225 - Highly flammable liquid and vapour.
- H226 - Flammable liquid and vapour.
- H301 - Toxic if swallowed.
- H302 - Harmful if swallowed.
- H304 - May be fatal if swallowed and enters airways.
- H311 - Toxic in contact with skin.
- H312 - Harmful in contact with skin.
- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H331 - Toxic if inhaled.
- H335 - May cause respiratory irritation.
- H336 - May cause drowsiness or dizziness.
- H370 - Causes damage to organs.
- H400 - Very toxic to aquatic life.
- H411 - Toxic to aquatic life with long lasting effects.
- EUH066 - Repeated exposure may cause skin dryness or cracking.
- R10 - Flammable.
- R11 - Highly flammable.
- R21 - Harmful in contact with skin.
- R22 - Harmful if swallowed.
- R23 - Toxic by inhalation.
- R24 - Toxic in contact with skin.
- R25 - Toxic if swallowed.
- R37 - Irritating to respiratory system.
- R38 - Irritating to skin.
- R41 - Risk of serious damage to eyes.
- R50 - Very toxic to aquatic organisms.
- R65 - Harmful: may cause lung damage if swallowed.
- R66 - Repeated exposure may cause skin dryness or cracking.
- R67 - Vapours may cause drowsiness and dizziness.
- R39/23 - Toxic: danger of very serious irreversible effects through inhalation.
- R39/24 - Toxic: danger of very serious irreversible effects in contact with skin.
- R39/25 - Toxic: danger of very serious irreversible effects if swallowed.

**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**