

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**Pledge® Aerosol - Multisurface Cleaner - Classic**

Version 1.0  
Revision Date 28.02.2019

Print Date 09.12.2019  
Specification Number: 350000035484  
SITE FORM Number:  
30000000000000023981.001

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1 Product identifier** : Pledge® Aerosol - Multisurface Cleaner - Classic

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

**Use of the Substance/Mixture** : Polishes and wax blends

**Uses advised against** : None known.

**1.3 Details of the supplier of the safety data sheet** : SC Johnson Ltd.  
Frimley Green  
Camberley

GU16 7AJ

**Telephone** : +441276852000

**E-mail address** : ask.uk@scj.com

**1.4 Emergency telephone number** : Consumer Care Center:  
UK - 0800 353 353  
Ireland - (01)809 2166

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 (CLP)

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 3	Pressurised container: May burst if heated.
Skin sensitisation	Category 1	May cause an allergic skin reaction.

**2.2 Label elements**

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

**Hazard symbols**

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**Signal word**

Warning

**Contains**

2-methyl-2H-isothiazol-3-one

**Hazard statements**

(H229) Pressurised container: May burst if heated.  
(H317) May cause an allergic skin reaction.

**Precautionary statements**

(P101) If medical advice is needed, have product container or label at hand.  
(P102) Keep out of reach of children.  
(P302 + P352) IF ON SKIN: Wash with plenty of soap and water.  
(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
(P501) Dispose of contents /container in accordance with local regulations.  
(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.  
(P280) Wear protective gloves.

**Additional Labelling**

Use only in well-ventilated areas.  
Store in a cool, dry place.  
2% by mass of contents are flammable.

**Detergents regulations**

: **Contains**  
<= 5% non-ionic surfactants, perfume , LINALOOL,  
METHYLISOTHIAZOLINONE

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**2.3 Other hazards** : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Hazardous components**

Chemical name	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent
potassium nitrite	7758-09-0 231-832-4	01-2120763964-40	Oxidizing solids Category 2 H272 Acute toxicity Category 3 H301 Short-term (acute) aquatic hazard Category 1 H400 M-Factor Acute - 1	>= 0.10 - < 0.50
2-methyl-2H-isothiazol-3-one	2682-20-4 220-239-6	01-2120764690-50	Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard Category 1	>= 0.00 - < 0.10

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			H410 Acute toxicity Category 3 H301 Acute toxicity Category 3 H311 Skin corrosion/irritation Category 1B H314 Skin sensitisation Category 1A H317 Serious eye damage Category 1 H318 Specific target organ toxicity - single exposure Category 3 H335 M-Factor Acute - 1 M-Factor Chronic - 1	
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WEL substance				
ethyl alcohol	64-17-5	01-2119457610-43	Flammable liquids	>= 1.00 - <



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	200-578-6		Category 2 H225	5.00
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**Additional Information**

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

- Inhalation : Move to fresh air.  
If breathing is affected, get medical attention.
  
- Skin contact : Take off all contaminated clothing immediately.  
Wash off with soap and plenty of water.  
Get medical attention if irritation develops and persists.  
Wash contaminated clothing before re-use.
  
- Eye contact : Rinse with plenty of water.  
Get medical attention if irritation develops and persists.
  
- Ingestion : If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.  
Rinse mouth with water.  
If symptoms persist, call a physician.

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

- Eyes : May irritate eyes.  
No adverse effects expected when used as directed.
  
- Skin effect : May cause allergic skin reaction.  
No adverse effects expected when used as directed.
  
- Inhalation : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.  
No adverse effects expected when used as directed.
  
- Ingestion : May cause irritation to mouth, throat and stomach.  
May cause abdominal discomfort.

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No adverse effects expected when used as directed.

**4.3 Indication of any immediate medical attention and special treatment needed**

See Description of first aid measures unless otherwise stated.

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**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable : None identified

**5.2 Special hazards arising from the substance or mixture** : Heating may cause an explosion.  
In case of fire and/or explosion do not breathe fumes.  
Exposure to decomposition products may be a hazard to health.

**5.3 Advice for firefighters** : In the event of fire, wear self-contained breathing apparatus.  
Wear suitable protective clothing and gloves.  
Refer to current EN or National standard as appropriate.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment.  
Remove all sources of ignition.

**6.2 Environmental precautions** : Outside of normal use, avoid release to the environment.  
Prevent large amounts of product from entering drains.  
Use appropriate containment to avoid environmental contamination.

**6.3 Methods and materials for containment and cleaning up** : If damage occurs to aerosol can:  
Clean residue from spill site.  
Dike large spills.  
Use only non-sparking equipment.

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**6.4 Reference to other sections** : For personal protection see section 8.  
For disposal considerations see section 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling** : For personal protection see section 8.  
Do not breathe vapours or spray mist.  
Avoid contact with skin and eyes.  
Smoking, eating and drinking should be prohibited in the application area.  
Wear personal protective equipment.  
Do not use in areas without adequate ventilation.  
Do not puncture.  
Do not spray on a naked flame or any incandescent material.

**7.2 Conditions for safe storage, including any incompatibilities** : Do not freeze.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
Keep out of the reach of children.  
Store away from food, beverages and pet food.  
No decomposition if stored and applied as directed.

**7.3 Specific end use(s)** : Consumer uses: Private households (= general public = consumers)  
Polishes and wax blends

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****Occupational Exposure Limit Values**

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
ethyl alcohol	64-17-5	1,920 mg/m3	1,000 ppm		UK_WELTWAS
		5,760 mg/m3	3,000 ppm		UK_WELSTEL

Refer to current EN or National standard as appropriate.

**8.2 Exposure controls**

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- Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
- Hand protection : Wear suitable gloves.  
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.  
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.  
Before removing gloves clean them with soap and water.
- Eye/face protection : No special requirements.
- Skin and body protection : Wash contaminated clothing before re-use.
- Other information : When using do not eat, drink or smoke.  
Wash hands before breaks and at the end of workday.
- Environmental Exposure Controls : Refer to section 6.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

- Appearance : aerosol
- Colour : Colorless
- Odour : Citrus
- Odour Threshold : Test not applicable for this product type
- pH : 8.0 - 9.5  
at (20 °C)
- Melting point/freezing point : 32 °F
- Initial boiling point and boiling range : 100 °C
- Flash point : > 95 °C  
Method: Tag Closed Cup (TCC)
- Evaporation rate : Test not applicable for this product type



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Flammability (solid, gas)	:	Does not sustain combustion.	
Upper/lower flammability or explosive limits	:	Test not applicable for this product type	
Vapour pressure	:	Test not applicable for this product type	
Vapour density	:	Test not applicable for this product type	
Relative density	:	1.0 g/cm <sup>3</sup> at 20 °C	
Solubility(ies)	:	completely soluble	
Partition coefficient: n-octanol/water	:	Test not applicable for this product type	
Auto-ignition temperature	:	The substance or mixture is not classified as self heating.	
Decomposition temperature	:	Test not applicable for this product type	
Viscosity, dynamic	:	similar to water	
Viscosity, kinematic	:	similar to water	
Explosive properties	:	Test not applicable for this product type	
Oxidizing properties	:	Test not applicable for this product type	
<b>9.2 Other information</b>			
Other information	:	None identified	:

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**SECTION 10: STABILITY AND REACTIVITY**

<b>10.1 Reactivity</b>	:	No dangerous reaction known under conditions of normal use.
<b>10.2 Chemical stability</b>	:	Stable under recommended storage conditions.
<b>10.3 Possibility of hazardous reactions</b>	:	None known.

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Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

**Acute inhalation toxicity**

Name	Method	Species	Dose	Exposure time
Product	LC50 (dust and mist) Calculated		> 5 mg/l	

**Acute dermal toxicity**

Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

**Acute oral toxicity**

Name	Method	Species	Dose
potassium nitrite	LD50	Rat	57 mg/kg
2-methyl-2H-isothiazol-3-one	LD50	Rat	120 mg/kg

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Name	Method	Species	Dose	Exposure time
potassium nitrite	No data available			
2-methyl-2H-isothiazol-3-one	LC50 (dust and mist)	Rat	0.11 mg/l	

**Acute dermal toxicity**

Name	Method	Species	Dose
potassium nitrite	No data available		
2-methyl-2H-isothiazol-3-one	LD50	Rat	242 mg/kg

- Skin corrosion/irritation : Based on available data, the classification criteria are not met.
- Serious eye damage/eye irritation : Based on available data, the classification criteria are not met.
- Skin sensitisation : May cause an allergic skin reaction.
- Germ cell mutagenicity : Based on available data, the classification criteria are not met.
- Carcinogenicity : Based on available data, the classification criteria are not met.
- Toxicity for reproduction : Based on available data, the classification criteria are not met.
- STOT - single exposure : Based on available data, the classification criteria are not met.
- STOT - repeated exposure : Based on available data, the classification criteria are not met.
- Aspiration hazard : Based on available data, the classification criteria are not met.

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Components	End point	Species	Value	Exposure time
potassium nitrite	LC50 flow-through test Read-across (Analogy)	Oncorhynchus mykiss (rainbow trout)	0.11 mg/l	96 h
2-methyl-2H-isothiazol-3-one	LC50	Oncorhynchus mykiss (rainbow trout)	4.77 mg/l	96 h
	NOEC	Oncorhynchus mykiss (rainbow trout)	2.38 mg/l	98 d
ethyl alcohol	LC50	Fish	11,200 mg/l	96 h

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
potassium nitrite	LC50 static test Read-across (Analogy)	other aquatic crustacea: DM	1.1 mg/l	48 h
2-methyl-2H-isothiazol-3-one	EC50	Daphnia magna (Water flea)	0.998 mg/l	48 h
	NOEC	Daphnia magna	0.359 mg/l	21 d
ethyl alcohol	LC50 static test	Ceriodaphnia dubia	5,012 mg/l	48 h

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	NOEC	Daphnia magna	9.6 mg/l	9 d
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**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
potassium nitrite	No data available			
2-methyl-2H-isothiazol-3-one	EC10	Pseudokirchneriella subcapitata (green algae)	0.024 mg/l	24 h
ethyl alcohol	EC50 Static	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h

**12.2 Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
potassium nitrite	No data available		
2-methyl-2H-isothiazol-3-one			Not readily biodegradable.
ethyl alcohol	97 %	28 d	Readily biodegradable.

**12.3 Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
potassium nitrite	No data available	-3.7 Measured
2-methyl-2H-isothiazol-3-one	3 estimated	-0.32
ethyl alcohol	3.2 estimated	-0.35 Measured

**12.4 Mobility in soil**

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Component	End point	Value
potassium nitrite	No data available	
2-methyl-2H-isothiazol-3-one	Koc	0.03 - 246.7
ethyl alcohol	No data available	

**12.5 Results of PBT and vPvB assessment**

Component	Results
potassium nitrite	Not fulfilling PBT and vPvB criteria
2-methyl-2H-isothiazol-3-one	Not fulfilling PBT and vPvB criteria
ethyl alcohol	Not fulfilling PBT and vPvB criteria

**12.6 Other adverse effects**

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

Product	:	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Disposal should be in accordance with local, state or national legislation. Please recycle empty packaging.
Packaging	:	Do not re-use empty containers.

**SECTION 14: TRANSPORT INFORMATION**

	Land transport	Sea transport	Air transport
14.1 UN number	1950	1950	1950
14.2 UN proper shipping name	Aerosols, Non-Flammable	Aerosols, Non-Flammable	Aerosols, Non-Flammable
14.3 Transport hazard	2	2	2.2

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<b>class(es)</b>			
<b>14.4 Packing group</b>			
<b>14.5 Environmental hazards</b>			
<b>14.6 Special precautions for user</b>	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** : This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.2 Chemical safety assessment** : Not required for consumer products.

**SECTION 16: OTHER INFORMATION**

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

**Key abbreviations or acronyms used**

EC - European Community  
 EEC – European Economic Community  
 CLP – Classification Labelling & Packaging  
 EN – European Standard or European Norm  
 PBT – Persistent, Bioaccumulative & Toxic  
 vPvB – very persistent, very bioaccumulative  
 UN – United Nations

**Evaluation methods**

Unless otherwise stated in section 11, the procedure used to derive the human health classification is the relevant calculation method according to CLP regulation (EC) No 1272/2008 as amended.



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Unless otherwise stated in section 12, the procedure used to derive the environmental classification is the summation of the classified components method according to CLP regulation (EC) No 1272/2008 as amended.

**Full text of H-Statements**

H272	May intensify fire; oxidizer.
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.