

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006)



Pledge® Aerosol - Multi-Surface Springtime

Version 1.0
Revision Date 26.06.2014

Print Date 31.10.2017
Specification Number: 350000007745
SITE FORM Number:
30000000000000006806.002

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier** : Pledge® Aerosol - Multi-Surface Springtime

- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
 - Use of the Substance/Mixture** : Washing and cleaning products (including solvent based products)

 - 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 - 1800 409 176

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)

This product does not meet the criteria for classification in any hazard class according to regulation (EC) 1272/2008.

2.2 Label elements

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

Signal word

Warning

Hazard statements

(H229) Pressurized container: May burst if heated.

Precautionary statements

- (P102) Keep out of reach of children.
- (P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
- (P210) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- (P264) Wash hands thoroughly after handling.
- (P251) Do not pierce or burn, even after use.
- (P260) Do not breathe spray.

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Use only in well-ventilated areas.

As with any household product avoid prolonged skin contact with this product

12% by mass of contents are flammable.

Detergents regulations**: Contains**

< 5% non-ionic surfactants, > = 5% and < 15% aliphatic hydrocarbons, perfume, Benzyl salicylate, hexyl cinnamal, Citronellol, Butylphenyl methylpropional, 2-BROMO-2-NITROPROPANE-1,3-DIOL

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

Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

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
Naphtha (petroleum), hydrotreated heavy	64742-48-9/927-241-2	01-2119471843-32	Aspiration hazard Category 1 H304 Specific target organ toxicity - single exposure Category 3 H336 Flammable liquids Category 3 H226 Chronic aquatic toxicity Category 3 H412	>= 10.00 - < 20.00
Methanol	67-56-1/200-659-6	-	Flammable liquids Category 2 H225 Acute toxicity Category 3 H301 Acute toxicity Category 3	>= 0.10 - < 0.50

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			H311 Acute toxicity Category 3 H331 Specific target organ toxicity - single exposure Category 1 H370	
2-bromo-2-nitropropane-1,3-diol	52-51-7/200-143-0	-	Acute toxicity Category 4 H302 Acute toxicity Category 4 H312 Skin irritation Category 2 H315 Serious eye damage Category 1 H318 Specific target organ toxicity - single exposure Category 3 H335 Acute aquatic toxicity Category 1 H400 Chronic aquatic toxicity Category 2 H411	>= 0.00 - < 0.10

Additional Information

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

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 : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Eye contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.

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Ingestion : 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 : 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.
Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.
- Ingestion : 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.

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.

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.

5.3 Further information : Fight fire with normal precautions from a reasonable distance.

6. ACCIDENTAL RELEASE MEASURES

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

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SITE FORM Number:
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- 6.2 Environmental precautions** : Prevent 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.
- 6.4 Reference to other sections** : For personal protection see section 8.
For disposal considerations see section 13.

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling** : For personal protection see section 8.
Do not breathe vapours or spray mist.
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.
No decomposition if stored and applied as directed.
- 7.3 Specific end use(s)** : Consumer uses: Private households (= general public = consumers)
Washing and cleaning products (including solvent based products)

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

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
Methanol	67-56-1	260	200 ppm		EUOEL_TWAS
		mg/m3			
		333	250 ppm		UK_WELSTEL
		266	200 ppm		UK_WELTWAS
		mg/m3			

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

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- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : For prolonged or repeated contact use protective gloves.
- Eye/face protection : No special requirements.
- Skin and body protection : No special requirements.
- Other information : Wash hands before breaks and at the end of workday.
- Environmental Exposure Controls : Refer to section 6.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Appearance : aerosol
- Colour : off-white
- Odour : Woody
- Odour Threshold : Test not applicable for this product type
- pH : Test not applicable for this product type
- Melting point/freezing point : 0 °C
- Initial boiling point and boiling range : Test not applicable for this product type
- Flash point : < 4 °C
Method: Tag Closed Cup (TCC)
- Evaporation rate : Test not applicable for this product type
- 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 : 0.96 g/cm³ at 20 °C
- Solubility(ies) : negligible
- Partition coefficient: n- : Test not applicable for this product type

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octanol/water

- Auto-ignition temperature : Test not applicable for this product type
- Decomposition temperature : Test not applicable for this product type
- Viscosity, dynamic : Test not applicable for this product type
- Viscosity, kinematic : Test not applicable for this product type
- Explosive properties : no data available
- Oxidizing properties : Test not applicable for this product type
- Other information : None identified :

10. STABILITY AND REACTIVITY

- 10.1 Reactivity** : No dangerous reaction known under conditions of normal use.
- 10.2 Chemical stability** : Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions** : None known.
- 10.4 Conditions to avoid** : Extremes of temperature and direct sunlight.
- 10.5 Incompatible materials** : None known.
- 10.6 Hazardous decomposition products** : No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity

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

Acute inhalation toxicity

no data available

Acute dermal toxicity

no data available

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Name	Method	Species	Dose
Naphtha (petroleum), hydrotreated heavy	EU CLP LD50	rat	> 5,000 mg/kg
Methanol	LD50	rat	5,628 mg/kg
2-bromo-2-nitropropane-1,3-diol	EU CLP LD50	rat	5,000 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Naphtha (petroleum), hydrotreated heavy	EU CLP LC50 (vapour)	rat	> 7,630 mg/m ³	4 h
Methanol	LC50	rat	83.2 mg/l	4 h
2-bromo-2-nitropropane-1,3-diol	LC50	rat	> 5 g/m ³	6 h

Acute dermal toxicity

Name	Method	Species	Dose
Naphtha (petroleum), hydrotreated heavy	EU CLP LD50	rabbit	> 2,000 mg/kg
2-bromo-2-nitropropane-1,3-diol	EU CLP LD50	rabbit	> 10,000 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 :
Based on available data, the classification criteria are not met.
- 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	Acute aquatic toxicity	M-Factor	Chronic aquatic toxicity	M-Factor
Naphtha (petroleum), hydrotreated heavy	No classification proposed		Harmful to aquatic life with long lasting effects.	
Methanol	No classification proposed		No classification proposed	
2-bromo-2-nitropropane-1,3-diol	Very toxic to aquatic life.	10	Toxic to aquatic life with long lasting effects.	

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Naphtha (petroleum), hydrotreated heavy	89 %	28 d	Readily biodegradable.
Methanol	95 %	20 d	Readily biodegradable.
2-bromo-2-nitropropane-1,3-diol	70 - 80 %	28 d	Readily biodegradable.

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Naphtha (petroleum), hydrotreated heavy	no data available	no data available
Methanol	< 10	-0.77
2-bromo-2-nitropropane-1,3-diol	0.9	0.22

12.4 Mobility

Component	End point	Value
Naphtha (petroleum), hydrotreated heavy	log Koc	> 1.783 - < 2.36
Methanol	Koc	1
2-bromo-2-nitropropane-1,3-diol	log Koc	0.699

12.5 PBT and vPvB assessment

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Component	Results
Naphtha (petroleum), hydrotreated heavy	Not fulfilling PBT and vPvB criteria
Methanol	Not fulfilling PBT and vPvB criteria
2-bromo-2-nitropropane-1,3-diol	Not fulfilling PBT and vPvB criteria

12.6 Other adverse effects : None known.**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.

14. TRANSPORT INFORMATION

	Land transport	Sea transport	Air transport
14.1 UN number	1950	1950	1950
14.2 UN proper shipping name	UN 1950 AEROSOLS, asphyxiant, 2.2	UN 1950 AEROSOLS, asphyxiant, 2.2	UN 1950 AEROSOLS, asphyxiant, 2.2
14.3 Transport hazard class(es)	2	2	2.2
14.4 Packing group			
14.5 Environmental hazards			
14.6 Special precautions for user	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.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

15. REGULATORY INFORMATION**15.1 Safety, health and** : This safety datasheet complies with the requirements of Regulation (EC)

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environmental
regulations/legislation specific for
the substance or mixture

No. 1907/2006.

16. OTHER INFORMATION

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

Further information

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.
H412	Harmful to aquatic life with long lasting effects.

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.