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



Pledge® Aerosol - Enhancing Polish - Lavender

Version 1.1 Revision Date 27.08.2019 Print Date 05.12.2019 Specification Number: 350000035578 SITE FORM Number:

3000000000000024087.002

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

1.1 Product identifier : Pledge® Aerosol - Enhancing Polish - Lavender

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. |
| Long-term (chronic) aquatic hazard | Category 3 | Harmful to aquatic life with long |
| | | lasting effects. |

2.2 Label elements

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



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Labelling according to Regulation (EC) No. 1272/2008 (CLP) **Signal word** Warning

Hazard statements

(H229) Pressurised container: May burst if heated. (H412) Harmful to aquatic life with long lasting effects.

Precautionary statements

(P102) Keep out of reach of children.

(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. (P264) Wash hands thoroughly after handling.

Additional Labelling

Use only in well-ventilated areas. 10% by mass of contents are flammable Store in a cool, dry place.

Detergents regulations : Contains

< = 5% non-ionic surfactants, > = 5% and < 15% aliphatic hydrocarbons, perfume , Limonene, LINALOOL, 2-BROMO-2-NITROPROPANE-1,3-DIOL

2.3 Other hazards : Intentional misuse by deliberately concentrating and inhaling contents can

be harmful or fatal.

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



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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 |
|--|------------------------|------------------|---|----------------------|
| Low boiling point hydrogen treated naphtha | 927-510-4 | 01-2119475515-33 | Aspiration hazard Category 1 H304 Long-term (chronic) aquatic hazard Category 2 H411 Skin irritation Category 2 H315 Target Organ Systemic Toxicant - Single exposure Category 3 H336 | >= 5.00 - < 10.00 |
| sorbitan oleate | 1338-43-8 215-665-4 | Not required | Long-term (chronic) aquatic hazard | >= 1.00 - < 5.00 |

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| | | | Category 3 | |
|----------|----------------------|------------------|--|---------------------|
| | | | H412 | |
| bronopol | 52-51-7 200-143-0 | 01-2119980938-15 | Acute toxicity Category 4 | >= 0.00 - < 0.10 |
| | 200-145-0 | | H302 Acute toxicity | 0.10 |
| | | | Category 4 | |
| | | | H312 | |
| | | | Skin irritation | |
| | | | Category 2 | |
| | | | H315 | |
| | | | Serious eye damage | |
| | | | Category 1 | |
| | | | H318 | |
| | | | Specific target organ toxicity - single exposure | |
| | | | Category 3 | |
| | | | H335 | |
| | | | Short-term (acute) aquatic hazard | |
| | | | Category 1 | |
| | | | H400 | |

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| | Long-term (chronic) aquatic hazard | |
|--|------------------------------------|--|
| | Category 2 | |
| | H411 | |
| | M-Factor Acute - 10 | |
| | | |

| WEL substance | | | |
|---------------|----------------------|------------------|---------------------|
| glycerol | 56-81-5 200-289-5 | 01-2119471987-18 | >= 0.10 - < 0.50 |
| | | | |

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 : 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.

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.

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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.

Ingestion : May cause abdominal discomfort.

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.

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.

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



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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.
 Do not flush into surface water or sanitary sewer system.

If the product contaminates rivers and lakes or drains inform respective

authorities.

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.

SECTION 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.

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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 |
|------------|---------|----------|-----|------------------|------------|
| glycerol | 56-81-5 | 10 mg/m3 | | mist | UK_WELTWAS |
| | | 30 mg/m3 | | mist | UK_WELSTEL |

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : For prolonged or repeated contact use protective gloves.

Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance : aerosol

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Colour : white

Odour : floral

Odour Threshold : Test not applicable for this product type

pH : 7

at (20 °C)

Melting point/freezing point : 32 °F

Initial boiling point and boiling range : 92 °C

Flash point : 16 °C

Method: Tag Closed Cup (TCC)

liquid

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 : 1.0 g/cm3 at 20 °C

Solubility(ies) : immiscible

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.

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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 : Test not applicable for this product type

Oxidizing properties : Test not applicable for this product type

9.2 Other information

Other information : None identified :

SECTION 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.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity

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



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

Acute inhalation toxicity

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

Acute dermal toxicity

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

Acute oral toxicity

| Name | Method | Species | Dose |
|----------------------------|----------|---------|---------------|
| Low boiling point hydrogen | LD50 | Rat | > 5,000 mg/kg |
| treated naphtha | | Rat | > 5,840 mg/kg |
| | LD50 | | |
| | | | |
| sorbitan oleate | LD50 | Rat | 40,000 mg/kg |
| | | | |
| | | | |
| bronopol | LD50 | Rat | 5,000 mg/kg |
| | Measured | | |

Acute inhalation toxicity

| Name | Method | Species | Dose | Exposure time |
|----------------------------|---------------|---------|-----------|---------------|
| Low boiling point hydrogen | LC50 (vapour) | Rat | 73680 ppm | 4 h |

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



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| treated naphtha | LC50 (vapour) | Rat | > 23.3 mg/l | 4 h |
|-----------------|----------------------|-----|-------------|-----|
| sorbitan oleate | LC50 (dust and mist) | Rat | > 5 mg/l | 4 h |
| bronopol | LC50 (vapour) | Rat | 0.038 mg/l | 4 h |

Acute dermal toxicity

| Name | Method | Species | Dose |
|----------------------------|-------------------|---------|---------------|
| Low boiling point hydrogen | LD50 | Rabbit | > 3,160 mg/kg |
| treated naphtha | LD50 | Rat | > 2,920 mg/kg |
| sorbitan oleate | No data available | | |
| bronopol | LD50 Measured | Rat | > 2,000 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.

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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.

SECTION 12: ECOLOGICAL INFORMATION

Product: The product itself has not been tested.

12.1 Toxicity

Toxicity to fish

| Components | End point | Species | Value | Exposure time |
|--|------------------------------------|--|-------------------------|---------------|
| Low boiling point hydrogen treated naphtha | LC50 OECD Test Guideline 203 | Oncorhynchus mykiss (rainbow trout) | > 13.4 mg/l | 96 h |
| | NOEC | Oncorhynchus mykiss (rainbow trout) | 1.534 mg/l | 28 d |
| sorbitan oleate | LC50 | Oncorhynchus mykiss (rainbow trout) | 471 mg/l | 96 h |
| bronopol | LC50 flow-through test | Lepomis macrochirus | 35.7 mg/l | 96 h |
| glycerol | LC50 | Oncorhynchus mykiss (rainbow trout) | 51,000 - 57,000 mg/l | 96 h |

Toxicity to aquatic invertebrates

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| Components | End point | Species | Value | Exposure time |
|--|--|----------------------------|--------------|---------------|
| Low boiling point hydrogen treated naphtha | EC50 | Daphnia magna (Water flea) | 3 mg/l | 48 h |
| | NOEC | Daphnia magna | 1 mg/l | 21 d |
| sorbitan oleate | EC50 static test Read-across (Analogy) | Daphnia magna (Water flea) | > 1,000 mg/l | 48 h |
| bronopol | EC50 static test | Daphnia magna (Water flea) | 1.4 mg/l | 48 h |
| | NOEC flow-through test | Daphnia | 0.27 mg/l | 21 d |
| glycerol | LC50 | Daphnia magna (Water flea) | 1,955 mg/l | 48 h |

Toxicity to aquatic plants

| Components | End point | Species | Value | Exposure time |
|--|---------------------------------------|--|--------------|---------------|
| Low boiling point hydrogen treated naphtha | NOEC | Pseudokirchneriella subcapitata (green algae) | 6.3 mg/l | 72 h |
| sorbitan oleate | EC50 Static Read- across (Analogy) | Selenastrum capricornutum, Skeletonema costatum | > 1,000 mg/l | 72 h |
| bronopol | NOEC static test | Pseudokirchneriella subcapitata (green algae) | 0.1 mg/l | 72 h |

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| glycerol | No data available | Scenedesmus quadricauda (Green algae) | > 10,000 mg/l | 168 h |
|----------|-------------------|---|---------------|-------|

12.2 Persistence and degradability

| Component | Biodegradation | Exposure time | Summary |
|--|----------------|---------------|------------------------|
| Low boiling point hydrogen treated naphtha | 98 % | 28 d | Readily biodegradable. |
| sorbitan oleate | 96 % | 28 d | Readily biodegradable. |
| bronopol | 70 - 80 % | 28 d | Readily biodegradable. |
| glycerol | 94 % | 24 h | Readily biodegradable. |

12.3 Bioaccumulative potential

| Component | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|--|-------------------------------|---|
| Low boiling point hydrogen treated naphtha | No data available | > 4 estimated |
| sorbitan oleate | 36.46 | 5.89 QSAR |
| bronopol | 3.19 QSAR | 0.22 |
| glycerol | 0.89 estimated | -1.76 |

12.4 Mobility in soil

| Component | End point | Value |
|-----------|-----------|-------|
| | | |

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| Low boiling point hydrogen treated naphtha | No data available | |
|--|-------------------|----------------------|
| sorbitan oleate | No data available | |
| bronopol | Кос | 36.8 - 1486 Measured |
| glycerol | No data available | |

12.5 Results of PBT and vPvB assessment

| Component | Results |
|--|--------------------------------------|
| Low boiling point hydrogen treated naphtha | Not fulfilling PBT and vPvB criteria |
| sorbitan oleate | Not fulfilling PBT and vPvB criteria |
| bronopol | Not fulfilling PBT and vPvB criteria |
| glycerol | 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.

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SECTION 14: TRANSPORT INFORMATION

| | Land transport | Sea transport | Air transport |
|--------------------------|-----------------------------|-----------------------------|-----------------------------|
| 14.1 UN number | 1950 | 1950 | 1950 |
| 14.2 UN proper shipping | Aerosols, Non-Flammable | Aerosols, Non-Flammable | Aerosols, Non-Flammable |
| name | | | |
| 14.3 Transport hazard | 2 | 2 | 2.2 |
| class(es) | | | |
| 14.4 Packing group | | | |
| 14.5 Environmental | | | |
| hazards | | | |
| 14.6 Special precautions | Limited quantities | Limited quantities | Limited quantities |
| for user | derogation may be | derogation may be | derogation may be |
| | applicable to this product, | applicable to this product, | applicable to this product, |
| | please check transport | please check transport | please check transport |
| | documents. | documents. | documents. |
| 14.7 Transport in bulk | Product not transported as | Product not transported as | Product not transported as |
| according to Annex II of | bulk. | bulk. | bulk. |
| MARPOL 73/78 and the | | | |
| IBC Code | | | |

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental

This safety datasheet complies with the requirements of Regulation (EC)

No. 1907/2006.

regulations/legislation specific for

the substance or mixture

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

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



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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.

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

| H302 | Harmful if swallowed. |
|------|--|
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H400 | Very toxic to aquatic life. |
| H411 | Toxic to aquatic life with long lasting effects. |

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| 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.