

SAFETY DATA SHEET

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



SC Johnson Professional Pledge® Aerosol - Multi-Surface Cleaner

Version 1.0
Revision Date 28.02.2019

Print Date 08.10.2019
Specification Number: 350000035484
SITE FORM Number:
30000000000000023981.001

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

1.1 Product identifier : SC Johnson Professional Pledge® Aerosol - Multi-Surface Cleaner

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 Professional Ltd.
Denby
DE5 8JZ
UK

SC Johnson Professional GmbH
Girmesgath
47803 Krefeld
EU

Telephone : +44 (0) 1773 855 100

E-mail address : talktous@scj.com

1.4 Emergency telephone number : Care Center:
UK - 0800 353 353
Ireland – 1800 409 176

Irish Poison Center:
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. |

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| | | |
|--------------------|------------|--------------------------------------|
| 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



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.

EUH Statements

(EUH 210) Safety data sheet available on request

Additional Labelling

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

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

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 | >= 0.00 - < 0.10 |



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| | | | | |
|--|--|--|---|--|
| | | | Long-term (chronic) aquatic hazard Category 1 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 | |
|--|--|--|---|--|

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| | | | | |
|----------------------|----------------------|------------------|---|---------------------|
| | | | M-Factor Chronic - 1 | |
| WEL substance | | | | |
| ethyl alcohol | 64-17-5 200-578-6 | 01-2119457610-43 | Flammable liquids Category 2 H225 | >= 1.00 - < 5.00 |

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.

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Ingestion : No adverse effects expected when used as directed.
: May cause irritation to mouth, throat and stomach.
: 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.

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.

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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.
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) : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
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 |

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Refer to current EN or National standard as appropriate.

8.2 Exposure controls

- 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.

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

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| | |
|--|---|
| Flash point | : > 95 °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 | : 1.0 g/cm ³ 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 |

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.

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- 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**

| 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 |

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|------------------------------|------|-----|-----------|
| | | | |
| 2-methyl-2H-isothiazol-3-one | LD50 | Rat | 120 mg/kg |

Acute inhalation toxicity

| 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.

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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 |
|------------------------------|--|-------------------------------------|-------------|---------------|
| 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 |

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| | | | | |
|------------------------------|------------------|----------------------------|------------|------|
| 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 |
| | NOEC | Daphnia magna | 9.6 mg/l | 9 d |

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 |

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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 |
|----------------|---------------|---------------|
|----------------|---------------|---------------|

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| | | | |
|---|--|--|--|
| 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 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. |

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 :

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



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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

| | |
|------|-------------------------------|
| H272 | May intensify fire; oxidizer. |
|------|-------------------------------|

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.