

SAFETY DATA SHEET

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



SC Johnson Professional Pledge® Aerosol - Amazing Shine Polish

Version 1.1
Revision Date 27.08.2019

Print Date 08.10.2019
Specification Number: 350000035578
SITE FORM Number:
30000000000000024087.002

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

- 1.1 Product identifier** : SC Johnson Professional Pledge® Aerosol - Amazing Shine Polish

- 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)

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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

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.

EUH Statements

(EUH 210) Safety data sheet available on request

Additional Labelling

Use only in well-ventilated areas.

10% by mass of contents are flammable

Store in a cool, dry place.

For professional use only.

Detergents regulations: **Contains**

< = 5% non-ionic surfactants, > = 5% and < 15% aliphatic hydrocarbons,

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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.**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	>= 5.00 - < 10.00

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			Category 3 H336	
sorbitan oleate	1338-43-8 215-665-4	Not required	Long-term (chronic) aquatic hazard Category 3 H412	>= 1.00 - < 5.00
bronopol	52-51-7 200-143-0	01-2119980938-15	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	>= 0.00 - < 0.10

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			H335 Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard Category 2 H411 M-Factor Acute - 10	
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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.

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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.

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.

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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.
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,** : Do not freeze.

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including any incompatibilities 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) : 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/m ³	ppm	Form of exposure	List
glycerol	56-81-5	10 mg/m ³		mist	UK_WELTWAS
		30 mg/m ³		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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	: aerosol
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/cm ³ at 20 °C
Solubility(ies)	: immiscible

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- 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 : 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.

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SITE FORM Number:
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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
Low boiling point hydrogen treated naphtha	LD50	Rat	> 5,000 mg/kg
	LD50	Rat	> 5,840 mg/kg
sorbitan oleate	LD50	Rat	40,000 mg/kg

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bronopol	LD50 Measured	Rat	5,000 mg/kg
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Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Low boiling point hydrogen treated naphtha	LC50 (vapour)	Rat	73680 ppm	4 h
	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 treated naphtha	LD50	Rabbit	> 3,160 mg/kg
	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.

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- 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.

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

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glycerol	LC50	Oncorhynchus mykiss (rainbow trout)	51,000 - 57,000 mg/l	96 h
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Toxicity to aquatic invertebrates

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-	Selenastrum	> 1,000 mg/l	72 h

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	across (Analogy)	capricornutum, Skeletonema costatum		
bronopol	NOEC static test	Pseudokirchneriella subcapitata (green algae)	0.1 mg/l	72 h
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

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glycerol	0.89 estimated	-1.76
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12.4 Mobility in soil

Component	End point	Value
Low boiling point hydrogen treated naphtha	No data available	
sorbitan oleate	No data available	
bronopol	Koc	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

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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 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 :

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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.

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.

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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.
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.