

## Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for Hazardous Chemicals, Feb 2016 and New Zealand HSNO CoP 8-1 09-06



### Pledge Beautify It Enhancing Polish (aerosol) - Lemon

Version 2.0

Print Date 27.04.2022

Revision Date 16.10.2019

SDS Number 350000025314

GEN\_SOF Number 51425

#### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product identifier</b>	: Pledge Beautify It Enhancing Polish (aerosol) - Lemon
<b>Other means of Identification</b>	: 350000025314
<b>Recommended use</b>	: Furniture Polish/Cleaner
<b>Restrictions on use</b>	: Use only as directed on label
<b>Australia</b>	: S.C. Johnson & Son Pty. Ltd. ABN 71. 000 021 009 160 Epping Road, Lane Cove, N.S.W. 2066. Australia Telephone: +61 2 9428 9111
<b>New Zealand</b>	: S.C. Johnson & Son Pty. Ltd 79 Queen Street Auckland 1010 New Zealand Telephone: +64 9 573 2850
<b>Emergency telephone numbers</b>	: Australia: (8:30am – 17:30pm Mon-Thurs, 8:30am – 17:00pm Fri AEST) +61 2 9428 9111 New Zealand: (9:00am – 14:00pm Mon-Fri NZDT) +64 9 573 2850
<b>Poison Information Contacts</b>	: Australia: 13 11 26 New Zealand : 0800 764 766 or 0800 POISON

#### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

##### Statement of Hazardous Nature (Australia)

##### Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Skin sensitisation <sup>^</sup>	Category 1	May cause an allergic skin reaction.
Long-term (chronic) aquatic hazard	Category 3 *	Harmful to aquatic life with long lasting effects.
Aerosol	Category 2	Flammable aerosol.

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\* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

#### **Statement of Hazardous Nature (New Zealand)**

HSNO Classification (NZ): : 2.1.2A  
6.5B  
9.1C

#### **Labelling - Australia \*\***

##### **Hazard symbols**



Flame  
Exclamation mark

**Signal word**  
Warning

##### **Hazard statements**

(H223) Flammable aerosol.  
(H229) Pressurised container: May burst if heated.  
(H317) May cause an allergic skin reaction.  
(H412) Harmful to aquatic life with long lasting effects.

##### **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.  
(P333 + P313) If skin irritation or rash occurs: Get medical advice/ attention.  
(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
(P501) Dispose of contents/ container to an approved incineration plant.  
(P210) Keep away from heat/sparks/open flames/hot surfaces. No smoking.

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(P211) Do not spray on an open flame or other ignition source.  
(P251) Pressurized container: Do not pierce or burn, even after use.  
(P280) Wear protective gloves.

**Other hazards** : None identified

\*\* The information supplied is designed for products predominately used in workplaces; whereas consumer product labels comply with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) labelling requirements, under The Australian CoP Labelling of Workplace Hazardous Chemicals (March 2015).

#### Labelling- New Zealand

Refer Australian labelling above.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	64742-48-9	5.00 - 10.00
Dimethicone	63148-62-9	1.00 - 5.00
d-Limonene	5989-27-5	0.10 - 0.50
Octamethylcyclotetrasiloxane	556-67-2	0.00 - 0.10
Other non-hazardous ingredients	various	Balance to 100

### 4. FIRST AID MEASURES

#### Description of first aid measures

**Eye contact** : No special requirements

**Skin contact** : Wash off with plenty of water. If skin irritation or rash occurs:  
Get medical advice/ attention.

**Inhalation** : No special requirements.

**Ingestion** : No special requirements

#### Most important symptoms and effects, both acute and delayed

**Indication of any immediate medical** : See Description of first aid measures unless otherwise stated.

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**attention and special treatment needed**

#### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards arising from substance** : Aerosol Product - Containers may rocket or explode in heat of fire.
- Special protective equipment and precautions for fire fighters** : Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures** : Remove all sources of ignition.  
Wear personal protective equipment.  
Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : If damage occurs to aerosol can:  
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Use only non-sparking equipment.  
Dike large spills.  
Clean residue from spill site.

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## 7. HANDLING AND STORAGE

### Handling

#### Precautions for safe handling

: Avoid contact with skin, eyes and clothing.  
For personal protection see section 8.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.  
Pressurized container.  
Do not pierce or burn, even after use.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid breathing vapours, mist or gas.

#### Advice on protection against fire and explosion

: Keep away from sources of ignition - No smoking.  
Do not spray on an open flame or other ignition source.

### Storage

#### Requirements for storage areas and containers

: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
Keep in a dry, cool and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

### Personal protective equipment

**Respiratory protection** : No special requirements.

**Hand protection** : Wear suitable gloves.

**Eye protection** : No special requirements.

**Skin and body protection** : No special requirements.

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**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** : aerosol

**Color** : white

**Odor** : Fruity Floral

**Odour Threshold** : Test not applicable for this product type

**pH** : 6  
at (20 °C)

**Melting point/freezing point** : Test not applicable for this product type

**Initial boiling point and boiling range** : Test not applicable for this product type

**Flash point** : < -18 °C  
< -0.4 °F  
Propellant  
> 95 °C  
> 203 °F  
liquid

**Evaporation rate** : Test not applicable for this product type

**Flammability (solid, gas)** : not auto-flammable

**Upper/lower flammability or explosive limits** : Test not applicable for this product type

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<b>Vapour pressure</b>	:	Test not applicable for this product type
<b>Vapour density</b>	:	Test not applicable for this product type
<b>Relative density</b>	:	0.90 g/cm <sup>3</sup> at 25 °C
<b>Solubility(ies)</b>	:	Test not applicable for this product type
<b>Partition coefficient: n-octanol/water</b>	:	Test not applicable for this product type
<b>Auto-ignition temperature</b>	:	The substance or mixture is not classified as self heating.
<b>Decomposition temperature</b>	:	Test not applicable for this product type
<b>Viscosity, dynamic</b>	:	Test not applicable for this product type
<b>Viscosity, kinematic</b>	:	Test not applicable for this product type
<b>Oxidizing properties</b>	:	Test not applicable for this product type
<b>Other information</b>	:	None identified

#### 10. STABILITY AND REACTIVITY

**Reactivity** : No dangerous reaction known under conditions of normal use.

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- Chemical stability** : No decomposition if stored normally.
- Possibility of hazardous reactions** : If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.
- Conditions to avoid** : Heat, flames and sparks.
- Incompatible materials** : Strong oxidizing agents  
Do not mix with bleach or any other household cleaners.  
Strong bases  
None known.
- Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

#### 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity** : LD50 > 20,000 mg/kg
- Acute inhalation toxicity** : LC50 > 5.1 mg/L
- Acute dermal toxicity** : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas



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Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation <sup>^</sup>	Category 1	-
Respiratory sensitisation <sup>^</sup>	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

**Aggravated Medical Condition** : None known.

\* *Classification not adopted by Australia*

<sup>^</sup> *Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.*

## 12. ECOLOGICAL INFORMATION

**Product** : The product itself has not been tested.

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#### Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

#### Toxicity to fish

Components	End point	Species	Value	Exposure time
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	LC50	Pimephales promelas (fathead minnow)	2,200 mg/l	96 h
Dimethicone	NOEC	Fish Oncorhynchus mykiss (rainbow trout)	> 1,000 mg/l > 10,000 mg/l	28 d
d-Limonene	semi-static test LC50	Pimephales promelas (fathead minnow)	0.41 mg/l	96 h
Octamethylcyclotetrasiloxane	flow-through test LC50 Measured	Cyprinodon variegatus (sheepshead minnow)	> 0.0063 mg/l	96 h
		Oncorhynchus mykiss (rainbow trout)	>= 0.0044 mg/l	93 d

#### Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	EC50	Daphnia magna (Water flea)	< 100 mg/l	48 h
Dimethicone	LC50 Read-across (Analogy)		1,980 mg/l	96 h
d-Limonene	static test	Daphnia magna (Water flea)	0.36 mg/l	48 h

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	EC50	flea)		
	NOEC QSAR	Daphnia magna	0.115 mg/l	16 d
Octamethylcyclotetrasiloxane	flow-through test EC50 Measured flow-through test NOEC Measured	Daphnia magna (Water flea)	> 0.015 mg/l	48 h
		Daphnia magna	0.0079 mg/l	21 d

#### Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	No data available			
Dimethicone	EC50	Skeletonema costatum (marine diatom)	> 100,000 mg/l	72 h
d-Limonene	static test NOEC	Pseudokirchneriella subcapitata (green algae)	0.05 mg/l	72 h
Octamethylcyclotetrasiloxane	EC50	Pseudokirchneriella subcapitata (green algae)	> 0.022 mg/l	96 h

#### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	31.3 %	28 d	Not readily biodegradable.
Dimethicone	No data available		Not readily biodegradable.
d-Limonene	80 %	28 d	Readily biodegradable.

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Octamethylcyclotetrasiloxane	3.7 %	29 d	Not readily biodegradable.
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#### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	No data available	5.8 - 7.6
Dimethicone	No data available	> 8.21
d-Limonene	1,022 QSAR	4.38
Octamethylcyclotetrasiloxane	12,400	6.488

#### Mobility

Component	End point	Value
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	log Koc	> 1.783 - < 2.36
Dimethicone	log Koc	> 5.6
d-Limonene	Koc	6324
Octamethylcyclotetrasiloxane	log Koc	4.22

#### PBT and vPvB assessment

Component	Results
Hydrocarbons, C11-C13, isoalkanes, <2% aromatics	Not fulfilling PBT and vPvB criteria
Dimethicone	Not fulfilling PBT and vPvB criteria
d-Limonene	Not fulfilling PBT and vPvB criteria
Octamethylcyclotetrasiloxane	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

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#### 13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods : Consumer may discard empty container in trash, or recycle where facilities exist.

Disposal of any contaminated packaging : Do not re-use empty containers.

#### 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

	Land transport <sup>§</sup>	Sea transport	Air transport
UN number	1950	1950	1950
UN proper shipping name	AEROSOLS, Flammable	AEROSOLS, Flammable	AEROSOLS, Flammable
Transport hazard class(es)	2.1	2	2.1
Packing group	-	-	-
Environmental hazards	-	-	-
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.
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.

<sup>§</sup> **Land transport:** Classification based on UN Recommendations on the Transport of Dangerous Goods. Local regulations under the Australian Dangerous Goods Code (ADG) and/or the New Zealand Land Transport Rule Dangerous Goods should be applied prior to transportation of goods.

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#### 15. REGULATORY INFORMATION

**Poisons Schedule (Australia):** : NOT SCHEDULED

**HSNO Classification (NZ):** : 2.1.2A  
6.5B  
9.1C

**HSNO Approval Number (NZ):** : Aerosols (Flammable) Group Standard 2017 - HSR002515

#### 16. OTHER INFORMATION

Revision Date: 16.10.2019

##### Key abbreviations or acronyms used

ADG: The Australian Code for the Transport of Dangerous Goods by Road and Rail

NZ LTR: The New Zealand Land Transport Rule: Dangerous Goods 2005

HSNO: Hazardous Substances and New Organisms Act 1996 (New Zealand)

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons (Australia)

##### Further information

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