

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# PLEDGE® ORANGE POLISH

Version 1.4

Print Date 11/29/2017

Revision Date 10/23/2017

SDS Number 350000032827

GEN\_SOF Number 60196

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : PLEDGE® ORANGE POLISH

**Recommended use** : Furniture Polish/Cleaner

**Restrictions on use** : Use only as directed on label

**Manufacturer, importer, supplier** : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

**Telephone** : +1-800-558-5252

**Emergency telephone number** : 24 Hour Medical Emergency Phone: (866)231-5406  
24 Hour International Emergency Phone: (703)527-3887  
24 Hour Transport Emergency Phone: (800)424-9300

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

#### Globally Harmonized System (GHS) Classification

| Hazard classification | Hazard category | Hazards identification                              |
|-----------------------|-----------------|---|
| Gases under pressure  | Compressed gas  | Contains gas under pressure; may explode if heated. |

### Labelling

#### Hazard symbols

Gas cylinder

#### Signal word

Warning

#### Hazard statements

Contains gas under pressure; may explode if heated.

#### Precautionary statements

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Protect from sunlight. Store in a well-ventilated place.

**Other hazards** : None identified

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name                   | CAS-No.    | Weight percent |
|---------------------------------|------------|----------------|
| Hydrocarbons, C7-C9, isoalkanes | 64741-66-8 | 10.00 - 30.00  |

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

### 4. FIRST AID MEASURES

#### Description of first aid measures

**Eye contact** : No special requirements

**Skin contact** : No special requirements

**Inhalation** : No special requirements.

**Ingestion** : No special requirements

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

#### Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

### 5. FIREFIGHTING MEASURES

**Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific hazards during** : Aerosol Product - Containers may rocket or explode in heat of

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**firefighting**

fire.

**Further information**

: Fight fire from maximum distance or protected area. Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. Cool and use caution when approaching or handling fire-exposed containers. Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. 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**

: Remove all sources of ignition.  
Wash thoroughly after handling.

**Environmental precautions**

: Outside of normal use, avoid release to the environment.

**Methods and materials for containment and cleaning up**

: Sweep up and shovel into suitable containers for disposal.  
Clean residue from spill site.

**7. HANDLING AND STORAGE**

**Handling**

**Precautions for safe handling**

: Avoid contact with skin, eyes and clothing.  
For personal protection see section 8.  
KEEP OUT OF REACH OF CHILDREN AND PETS.

**Advice on protection against fire and explosion**

: Normal measures for preventive fire protection.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

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** : No special requirements.

**Eye protection** : No special requirements.

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

**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

**Odour** : Citrus

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

**pH** : 7  
at (20 °C)  
(not an aqueous solution)

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

**Initial boiling point and boiling range** : 100 °C

**Flash point** : -1 °C

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30.2 °F  
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** : 0.95 g/cm<sup>3</sup> 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.
- Decomposition temperature** :
- Viscosity, dynamic** : Test not applicable for this product type
- Viscosity, kinematic** : Test not applicable for this product type
- Oxidizing properties** : Test not applicable for this product type

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**Volatile Organic Compounds Total VOC (wt. %)\*** : 11.1 % - additional exemptions may apply  
\*as defined by US Federal and State Consumer Product Regulations

**Other information** : None identified :

**10. STABILITY AND REACTIVITY**

**Possibility of hazardous reactions** : Stable under recommended storage conditions.

**Conditions to avoid** : Direct sources of heat.

**Incompatible materials** : Strong oxidizing agents

**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

**11. TOXICOLOGICAL INFORMATION**

**Acute oral toxicity** : LD50 > 5000 mg/kg

**Acute inhalation toxicity** : LC50 > 10 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                                 | No classification proposed | - |
| Respiratory sensitisation                          | 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.

**12. ECOLOGICAL INFORMATION**

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

**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, C7-C9, isoalkanes | No data available |         |       |               |

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**Toxicity to aquatic invertebrates**

| Components                      | End point | Species                    | Value    | Exposure time |
|---------------------------------|-----------|----------------------------|----------|---------------|
| Hydrocarbons, C7-C9, isoalkanes | EC50      | Daphnia magna (Water flea) | 2.4 mg/l | 48 h          |

**Toxicity to aquatic plants**

| Components                      | End point | Species                         | Value   | Exposure time |
|---------------------------------|-----------|---------------------------------|---------|---------------|
| Hydrocarbons, C7-C9, isoalkanes | EC50      | Pseudokirchneriella subcapitata | 29 mg/l | 96 h          |

**Persistence and degradability**

| Component                       | Biodegradation | Exposure time | Summary                    |
|---------------------------------|----------------|---------------|----------------------------|
| Hydrocarbons, C7-C9, isoalkanes | 22 %           | 28 d          | Not readily biodegradable. |

**Bioaccumulative potential**

| Component                       | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|---------------------------------|-------------------------------|---|
| Hydrocarbons, C7-C9, isoalkanes | No data available             | No data available                           |

**Mobility**

| Component                       | End point | Value            |
|---------------------------------|-----------|------------------|
| Hydrocarbons, C7-C9, isoalkanes | log Koc   | > 1.783 - < 2.36 |

**PBT and vPvB assessment**



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| Component                       | Results                              |
|---------------------------------|--------------------------------------|
| Hydrocarbons, C7-C9, isoalkanes | Not fulfilling PBT and vPvB criteria |

**Other adverse effects** : None known.

**13. DISPOSAL CONSIDERATIONS**

Consumer may discard empty container in trash, or recycle where facilities exist.

**14. TRANSPORT INFORMATION**

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

|   | Land transport   | Sea transport  | Air transport  |
|---|--|--|--|
| <b>UN number</b>  | 1950   | 1950   | 1950   |
| <b>UN proper shipping name</b>  | UN 1950 AEROSOLS, non-flammable, 2.2   | UN 1950 AEROSOLS, non-flammable, 2.2   | UN 1950 AEROSOLS, non-flammable, 2.2   |
| <b>Transport hazard class(es)</b>   | 2.2  | 2  | 2.2  |
| <b>Packing group</b>  | -  | -  | -  |
| <b>Environmental hazards</b>  | -  | -  | -  |
| <b>Special precautions for user</b>   | 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. |
| <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Product not transported as bulk.   | Product not transported as bulk.   | Product not transported as bulk.   |

**15. REGULATORY INFORMATION**

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**Notification status** : All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Notification status** : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

**California Prop. 65** : This product is not subject to the reporting requirements under California's Proposition 65.

**16. OTHER INFORMATION**

**HMIS Ratings**

|                     |   |
|---------------------|---|
| <b>Health</b>       | 0 |
| <b>Flammability</b> | 2 |
| <b>Reactivity</b>   | 0 |

**NFPA Ratings**

|                   |   |
|-------------------|---|
| <b>Health</b>     | 0 |
| <b>Fire</b>       | 3 |
| <b>Reactivity</b> | 0 |
| <b>Special</b>    | - |

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

**Further information**

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|-------------|--|
| Prepared by | SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA) |
|-------------|--|