

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# PLEDGE® RESTORING OIL - ORANGE SCENT

Version 1.1

Print Date 06/01/2018

Revision Date 02/25/2015

SDS Number 350000017409

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : PLEDGE® RESTORING OIL - ORANGE SCENT

**Recommended use** : Furniture Polish/Cleaner

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

**Telephone** : +18005585252

**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

This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

### Labelling

#### Precautionary statements

**Other hazards** : None identified

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics	64742-46-7	30.00 - 60.00
White Mineral Oil, (Petroleum)	8042-47-5	30.00 - 60.00
Citrus, Extract	94266-47-4	1.00 - 5.00

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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).

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**4. FIRST AID MEASURES**

- Eye contact** : No special requirements
- Skin contact** : No special requirements
- Inhalation** : No special requirements.
- Ingestion** : No special requirements

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**5. FIREFIGHTING MEASURES**

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting** : Container may melt and leak in heat of fire.
- Further information** : 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.

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**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions** : Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : 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.  
KEEP OUT OF REACH OF CHILDREN AND PETS.

**Advice on protection against fire and explosion** : Normal measures for preventive fire protection.

**Storage**

**Requirements for storage areas and containers** : Keep container closed when not in use.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits**

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
White Mineral Oil, (Petroleum)	8042-47-5	5 mg/m3	-	-	OSHA TWA
White Mineral Oil, (Petroleum)	8042-47-5	5 mg/m3	-	-	ACGIH TWA

**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.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	:	liquid
<b>Color</b>	:	yellow
<b>Odor</b>	:	pleasant
<b>Odour Threshold</b>	:	No data available
<b>pH</b>	:	No data available
<b>Melting point/freezing point</b>	:	No data available
<b>Initial boiling point and boiling range</b>	:	No data available
<b>Flash point</b>	:	102 °C 215.6 °F Method: Tag Closed Cup (TCC)
<b>Evaporation rate</b>	:	No data available
<b>Flammability (solid, gas)</b>	:	Does not sustain combustion.
<b>Upper/lower flammability or explosive limits</b>	:	Not applicable
<b>Vapour pressure</b>	:	No data available
<b>Vapour density</b>	:	No data available
<b>Relative density</b>	:	0.8424 g/cm <sup>3</sup> at 40 °C

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<b>Solubility(ies)</b>	:	negligible	:
<b>Partition coefficient: n-octanol/water</b>	:	No data available	:
<b>Auto-ignition temperature</b>	:	No data available	:
<b>Decomposition temperature</b>	:	No data available	:
<b>Viscosity, dynamic</b>	:	24 mPa.s at 40 °C	:
<b>Viscosity, kinematic</b>	:	28.5 mm <sup>2</sup> /s at 40 °C	:
<b>Oxidizing properties</b>	:	No data available	:
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	:	1.1 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	:
<b>Other information</b>	:	None identified	:

## 10. STABILITY AND REACTIVITY

<b>Possibility of hazardous reactions</b>	:	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	:	Direct sources of heat.
<b>Incompatible materials</b>	:	None known.

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

**11. TOXICOLOGICAL INFORMATION**

**Emergency Overview** : This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

**Acute oral toxicity** : LD50  
Calculated  
> 5,000 mg/kg

**Acute inhalation toxicity** : No data available

**Acute dermal toxicity** : No data available

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	-
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	-

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Aspiration hazard	No classification proposed	-
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**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, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics	No data available			
White Mineral Oil, (Petroleum)	LC50	Oncorhynchus mykiss (rainbow trout)	> 100 mg/l	96 h
Citrus, Extract	No data available			

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics	No data available			
White Mineral Oil, (Petroleum)	LC50	Daphnia magna (Water flea)	> 100 mg/l	48 h

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Citrus, Extract	No data available			

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics	No data available			
White Mineral Oil, (Petroleum)	NOEC	Green algea	>= 100 mg/l	72 h
Citrus, Extract	No data available			

**Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics	74 %	28 d	Readily biodegradable
White Mineral Oil, (Petroleum)	No data available		
Citrus, Extract	No data available		

**Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics	No data available	No data available
White Mineral Oil, (Petroleum)	No data available	> 6
Citrus, Extract	No data available	No data available



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**Mobility**

Component	End point	Value
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics	No data available	-
White Mineral Oil, (Petroleum)	No data available	
Citrus, Extract	No data available	

**PBT and vPvB assessment**

Component	Results
Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, <2% aromatics	Not fulfilling PBT and vPvB criteria
White Mineral Oil, (Petroleum)	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

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**13. DISPOSAL CONSIDERATIONS**

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

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**14. TRANSPORT INFORMATION**

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

**Land transport**

Not classified as dangerous in the meaning of transport regulations.

**Sea transport**

Not classified as dangerous in the meaning of transport regulations.

**Air transport**

Not classified as dangerous in the meaning of transport regulations.

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**15. REGULATORY INFORMATION**

**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.

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**16. OTHER INFORMATION**

**HMIS Ratings**

<b>Health</b>	1
<b>Flammability</b>	1
<b>Reactivity</b>	0

**NFPA Ratings**

<b>Health</b>	1
<b>Fire</b>	1
<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.

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**Further information**

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