

## Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



# PLEDGE® MULTI-SURFACE EVERYDAY CLEANER - CITRUS CLEAN SCENT

Version 1.0

Print Date 10/05/2012

Revision Date 05/24/2010

MSDS Number 350000015368

SITE\_FORM Number

30000000000000011725.001

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

Trade name : PLEDGE® MULTI-SURFACE EVERYDAY CLEANER - CITRUS CLEAN SCENT

Use of the Substance/Mixture : Furniture Polish/Cleaner

Company : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

Emergency telephone : 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

### Emergency Overview

Appearance / Odor : clear / liquid / pleasant

**Immediate Concerns** : Avoid contact with skin, eyes and clothing.

### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause:  
Mild eye irritation

Skin : Prolonged or repeated contact may dry skin and cause irritation.

Inhalation : No adverse effects expected when used as directed.

Ingestion : No adverse effects expected when used as directed.

Aggravated Medical Condition : None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

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Chemical Name	CAS-No.	Weight percent
Ethyl alcohol	64-17-5	1.00 - 5.00

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

### 4. FIRST AID MEASURES

- Eye contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.
- Skin contact : Wash off with soap and water. Get medical attention if irritation develops and persists.
- Inhalation : Remove to fresh air.
- Ingestion : Never give anything by mouth to an unconscious person. Get medical attention immediately.

### 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog
- Specific hazards during fire fighting : Container may melt and leak in heat of fire.
- Further information : Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.
- Flash point : 64 °C  
Method: Tag Closed Cup (TCC)
- Flash point : 147 °F  
Method: Tag Closed Cup (TCC)
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

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### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Remove all sources of ignition.
- Methods for cleaning up : Soak up with inert absorbent material.  
Sweep up and shovel into suitable containers for disposal.  
Dike large spills.

### 7. HANDLING AND STORAGE

#### Handling

Advice on safe handling : KEEP OUT OF REACH OF CHILDREN AND PETS.  
Use only as directed.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

#### Storage

Requirements for storage areas and containers : Keep container closed when not in use.  
Keep in a dry, cool and well-ventilated place.  
Do not freeze.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Ethyl alcohol	64-17-5	-	1,000 ppm	-	ACGIH TWA
Ethyl alcohol	64-17-5	1,900 mg/m3	1,000 ppm	-	OSHA TWA

#### Personal protective equipment

##### Respiratory protection

Industrial setting : No personal respiratory protective equipment normally required.  
Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.

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Household setting : No personal respiratory protective equipment normally required.

### **Hand protection**

Industrial setting : not required under normal use

Household setting : not required under normal use

### **Eye protection**

Industrial setting : If prolonged or repeated contact is possible:  
Safety glasses with side-shields

Household setting : No special requirements.

**Hygiene measures** : Use only with adequate ventilation. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : clear

Odor : pleasant

pH : 6.5 - 7.5  
at 20 °C

Boiling point : no data available

Freezing point : no data available

Flash point : 64 °C  
Method: Tag Closed Cup (TCC)

Flash point : 147 °F  
Method: Tag Closed Cup (TCC)

Evaporation rate : no data available

Flammability (solid, gas) : Does not sustain combustion.

Autoignition temperature : no data available

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Lower explosion limit	:	no data available
Upper explosion limit	:	no data available
Vapour pressure	:	similar to water
Density	:	0.99 g/cm <sup>3</sup> at 20 °C
Water solubility	:	completely soluble
Viscosity, dynamic	:	similar to water
Volatile Organic Compounds (California Air Resource Board – CARB) Total VOC (wt. %)	:	1.9 % - does not include any applicable regulatory exemptions

## 10. STABILITY AND REACTIVITY

Conditions to avoid	:	Heat, flames and sparks.
Materials to avoid	:	Strong oxidizing agents
Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous reactions	:	Stable

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	LD50 Calculated > 5,000 mg/kg
Acute inhalation toxicity	:	no data available
Acute dermal toxicity	:	LD50 Calculated > 2,000 mg/kg
<b>Chronic effects</b> Carcinogenicity	:	no data available

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- Mutagenicity : no data available
- Reproductive effects : no data available
- Teratogenicity : no data available
- Sensitisation : Substance is not a sensitizer.

**12. ECOLOGICAL INFORMATION**

- Ecotoxicity effects** : no data available

**13. DISPOSAL CONSIDERATIONS**

- Industrial setting : Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.
- Household setting : Consumer may discard empty container in trash, or recycle where facilities exist.

**14. TRANSPORT INFORMATION**

**Land transport**

▪ **U.S. DOT and Canadian TDG Surface Transportation:**

- UN-Number : None.
- Proper shipping name : not regulated
- Class: : None.
- Packaging group : None.

**Sea transport**

▪ **IMDG:**

- UN-Number: : None.
- Packaging group: : None.
- Proper shipping name : not regulated
- Class: : None.

**Air transport**

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▪ ICAO/IATA:  
Class: None.  
Packaging group: None.  
Proper shipping name: not regulated  
UN/ID No.: None.

### 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.

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	1
Flammability	2
Reactivity	0

#### NFPA Ratings

Health	1
Fire	1
Reactivity	0
Special	

#### Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by: SC Johnson Global Safety Assessment &

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Regulatory Affairs (GSARA)