

# Material Safety Data Sheet

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



## PLEDGE® CLEAN & DUST MULTI-SURFACE - RAINSHOWER™

Version 2.0

Print Date 04/01/2012

Revision Date 03/16/2012

MSDS Number 350000015795

SITE\_FORM Number  
3000000000000011926.001

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : PLEDGE® CLEAN & DUST MULTI-SURFACE - RAINSHOWER™

Use of the Substance/Mixture : Hard Surface Cleaner  
Company : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

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

#### Emergency Overview

Appearance / Odor : clear / aerosol / pleasant

#### Immediate Concerns

: Caution  
Keep away from heat, sparks and flame.  
Contents under pressure.  
Do not puncture or incinerate.  
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : None known.

Skin : None known.

Inhalation : No adverse effects expected when used as directed.

Ingestion : May cause abdominal discomfort.

Aggravated Medical Condition : None known.

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#### 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:

| 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 : Rinse with plenty of water.
- Inhalation : Remove to fresh air. If breathing is affected, get medical attention.
- Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

#### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting : Aerosol Product - Containers may rocket or explode in heat of fire.
- Further information : 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.
- Flash point : Note: does not flash
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available
- NFPA Classification : NFPA Level 1 Aerosol

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#### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Remove all sources of ignition.  
Wear personal protective equipment.
- Environmental precautions : Outside of normal use, avoid release to the environment.
- Methods for 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.  
Clean residue from spill site.

#### 7. HANDLING AND STORAGE

##### Handling

- Advice on safe handling : Do not puncture or incinerate.  
Avoid breathing vapors, mist or gas.  
Do not spray toward face.  
Do not use in areas without adequate ventilation.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.

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

##### Storage

- Requirements for storage areas and containers : Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.  
Keep in a dry, cool and well-ventilated place.

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### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

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

#### Personal protective equipment

##### **Respiratory protection**

No personal respiratory protective equipment normally required.

##### **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                     | : clear                        |
| Odor                      | : pleasant                     |
| pH                        | : 6.0 - 7.0<br>at 20 °C        |
| Boiling point             | : no data available            |
| Freezing point            | : no data available            |
| Flash point               | : does not flash               |
| Evaporation rate          | : no data available            |
| Flammability (solid, gas) | : Does not sustain combustion. |

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|  |   |  |
|--|---|--|
| Autoignition temperature                         | : | no data available  |
| 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><br>at 20 °C   |
| Water solubility                                 | : | completely soluble   |
| Viscosity, dynamic                               | : | similar to water   |
| Volatile Organic Compounds<br>Total VOC (wt. %)* | : | 1.9 % - additional exemptions may apply<br>*as defined by US Federal and State Consumer Product<br>Regulations |

#### 10. STABILITY AND REACTIVITY

|                                     |   |   |
|-------------------------------------|---|---|
| Conditions to avoid                 | : | Heat, flames and sparks.  |
| Materials to avoid                  | : | Strong oxidizing agents   |
| Hazardous decomposition<br>products | : | Thermal decomposition can lead to release of irritating gases<br>and vapours. |
| Hazardous reactions                 | : | Stable under recommended storage conditions.                                  |

#### 11. TOXICOLOGICAL INFORMATION

|                           |   |  |
|---------------------------|---|--|
| Acute oral toxicity       | : | LD50<br>Calculated<br>> 5,000 mg/kg                |
| Acute inhalation toxicity | : | No adverse effects expected when used as directed. |
| Acute dermal toxicity     | : | LD50<br>Calculated<br>> 2,000 mg/kg                |

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#### Chronic effects

Carcinogenicity : None Anticipated

Mutagenicity : None Anticipated

Reproductive effects : None Anticipated

Teratogenicity : None Anticipated

Sensitisation : Substances is not a sensitizer.

#### 12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data available

#### 13. DISPOSAL CONSIDERATIONS

Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.  
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:

Proper shipping name UN 1950 AEROSOLS, non-flammable, 2.2

Class: 2.2

UN number 1950

Packaging group: None.

Note: Limited quantities derogation may be applicable to this product, please check transport documents.

##### Sea transport

###### IMDG:

Proper shipping name UN 1950 AEROSOLS, non-flammable, 2.2

Class: 2

UN number: 1950

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Packaging group: None.  
EmS: F-D, S-U  
Note: Limited quantities derogation may be applicable to this product, please check transport documents.

### Air transport

▪ ICAO/IATA:  
Proper shipping name UN 1950 AEROSOLS, non-flammable, 2.2  
Class: 2.2  
UN/ID No.: UN 1950  
Packaging group: None.  
Note: SC Johnson typically does not ship products via air. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

### 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.

Canada Regulations : This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

### 16. OTHER INFORMATION

#### HMIS Ratings

|              |   |
|--------------|---|
| Health       | 0 |
| Flammability | 2 |
| Reactivity   | 0 |

#### NFPA Ratings

|        |   |
|--------|---|
| Health | 0 |
| Fire   | 1 |

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|                   |   |
|-------------------|---|
| <b>Reactivity</b> | 0 |
| <b>Special</b>    | - |

**Further information**

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