

# Material Safety Data Sheet

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



## PLEDGE® CLEAN & DUST MULTI-SURFACE - FRAGRANCE FREE

Version 1.2

Print Date 08/13/2010

Revision Date 08/03/2009

MSDS Number 350000011233

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : PLEDGE® CLEAN & DUST MULTI-SURFACE - FRAGRANCE FREE

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

Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : yellow / aerosol / pleasant

#### Immediate Concerns

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

#### Potential Health Effects

Routes of exposure : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause:  
Mild eye irritation

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

Inhalation : None known.

Ingestion : None known.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	60.00 - 100.00
Isopropanol	67-63-0	1.00 - 5.00
Compressed Air	132259-10-	0.10 - 1.00

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#### 4. FIRST AID MEASURES

- Eye contact : Flush immediately with plenty of water for at least 15 to 20 minutes. 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 : Rinse mouth with water.

#### 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog
- Specific hazards during fire fighting : Aerosol Product - Containers may rocket or explode in heat of fire.
- Further information : Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. 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.
- Flash point : Calculated 64 °C  
Method: ASTM D 56
- Flash point : Calculated 147 °F  
Method: ASTM D 56
- Lower explosion limit : Note: not determined
- Upper explosion limit : Note: not determined
- NFPA Classification : NFPA Level 1 Aerosol

#### 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.

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### 7. HANDLING AND STORAGE

#### Handling

Advice on safe handling : Use only as directed.  
Do not puncture or incinerate.  
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 : Keep in a dry, cool and well-ventilated place.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Basis
Isopropanol	67-63-0	-	400 ppm	ACGIH STEL
Isopropanol	67-63-0	-	200 ppm	ACGIH TWA
Isopropanol	67-63-0	980 mg/m <sup>3</sup>	400 ppm	OSHA TWA

#### Personal protective equipment

##### Respiratory protection

Industrial setting : Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.

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 : No special requirements.

Household setting : No special requirements.

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**Hygiene measures** : Use only with adequate ventilation. Wash thoroughly after handling. Wear suitable protective clothing.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol

Color : yellow

Odor : pleasant

pH : 8.0 - 9.0

Melting point : not applicable

Boiling point : no data available

Freezing point : no data available

Flash point : Calculated 64 °C  
Method: ASTM D 56

Flash point : Calculated 147 °F  
Method: ASTM D 56

Evaporation rate : no data available

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

Lower explosion limit : not determined

Upper explosion limit : not determined

Vapour pressure : similar to water

Density : not determined

Water solubility : completely soluble

Partition coefficient: n-octanol/water : no data available

Viscosity, kinematic : similar to water

Specific Gravity : 0.99

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#### 10. STABILITY AND REACTIVITY

- Conditions to avoid : Heat, flames and sparks.
- Materials to avoid : Do not mix with oxidizing agents.
- Hazardous decomposition products : When exposed to fire, produces normal products of combustion.
- Hazardous reactions : Stable

#### 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50  
estimated  
> 5,050 mg/kg
- Acute inhalation toxicity : LC50  
estimated  
> 2.58 mg/l
- Acute dermal toxicity : LD50  
estimated  
> 5,050 mg/kg
- Chronic effects**
- Carcinogenicity : no data available
- Mutagenicity : no data available
- Reproductive effects : no data available
- Teratogenicity : no data available
- Sensitisation : Not known to be a sensitizer.

#### 12. ECOLOGICAL INFORMATION

- Ecotoxicity effects** : no data available

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#### 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 1950  
Proper shipping name Aerosols, non-flammable  
Class: 2.2  
Packaging group: None.

Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

##### Sea transport

▪ **IMDG:**  
Class: 2.2  
Packaging group: None.  
Proper shipping name Aerosols, non-flammable  
UN-Number: 1950

Note: SC Johnson ships this product as "Limited Quantity" when the container quantity value is 1 Liter or less.

##### Air transport

▪ **ICAO/IATA:**  
Class: 2.2  
Packaging group: None.  
Proper shipping name Aerosols, non-flammable  
UN/ID No.: UN 1950

Note: SC Johnson typically does not ship products via air, therefore it has not been determined if the product container meets current IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping this item by air.

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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.
- 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	1
Flammability	2
Reactivity	0

#### NFPA Ratings

Health	1
Fire	2
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 & Regulatory Affairs (GSARA)
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