

Material Safety Data Sheet

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



PLEDGE® MULTI-SURFACE CLEAN & DUST™

Version 1.

Print Date 03/21/2010

Revision Date 03/16/2010

MSDS Number 3500000003654
SITE_FORM Number
30000000000000002991.001

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

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

Use of the Substance/Mixture : Hard Surface Cleaner

Company : S.C. Johnson and Son, Limited
1 Webster Street
Brantford ON N3T 5R1

Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647
24 Hour Canadian Transport Emergency Phone (CANUTEC) (613) 996-6666

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

| Chemical Name | CAS-No. | Weight percent |
|---------------|-----------|----------------|
| Water | 7732-18-5 | 60.00 - 100.00 |
| Isopropanol | 67-63-0 | 1.00 - 5.00 |

Material Safety Data Sheet

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



PLEDGE® MULTI-SURFACE CLEAN & DUST™

Version 1.

Print Date 03/21/2010

Revision Date 03/16/2010

MSDS Number 350000003654
SITE_FORM Number
30000000000000002991.001

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 | : | 147 °F Method: Tag Closed Cup (TCC) |
| Lower explosion limit | : | Note: no data available |
| Upper explosion limit | : | Note: no data available |

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. |

Material Safety Data Sheet

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



PLEDGE® MULTI-SURFACE CLEAN & DUST™

Version 1.

Print Date 03/21/2010

Revision Date 03/16/2010

MSDS Number 350000003654
SITE_FORM Number
30000000000000002991.001

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 |
|-------------|---------|-------|---------|--------------------|------------|
| Isopropanol | 67-63-0 | - | 400 ppm | - | ACGIH STEL |
| Isopropanol | 67-63-0 | - | 200 ppm | - | ACGIH 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.

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

Material Safety Data Sheet

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



PLEDGE® MULTI-SURFACE CLEAN & DUST™

Version 1.

Print Date 03/21/2010

Revision Date 03/16/2010

MSDS Number 3500000003654

SITE_FORM Number

30000000000000002991.001

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 : 8.0 - 9.0

Boiling point : no data available

Freezing point : no data available

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

Evaporation rate : no data available

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/cm3

Water solubility : completely soluble

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

Volatile Organic Compounds : 1.9 % - does not include any applicable regulatory exemptions
(California Air Resource Board – CARB)

Material Safety Data Sheet

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



PLEDGE® MULTI-SURFACE CLEAN & DUST™

Version 1.

Print Date 03/21/2010

Revision Date 03/16/2010

MSDS Number 350000003654
SITE_FORM Number
30000000000000002991.001

Total VOC (wt. %)

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 estimated > 5,000 mg/kg |
|---------------------|---|------------------------------------|

| | | |
|---------------------------|---|----------------------------------|
| Acute inhalation toxicity | : | LC50 estimated > 2.58 mg/l |
|---------------------------|---|----------------------------------|

| | | |
|-----------------------|---|------------------------------------|
| Acute dermal toxicity | : | LD50 estimated > 2,000 mg/kg |
|-----------------------|---|------------------------------------|

Chronic effects

| | | |
|-----------------|---|-------------------|
| Carcinogenicity | : | no data available |
|-----------------|---|-------------------|

| | | |
|--------------|---|-------------------|
| Mutagenicity | : | no data available |
|--------------|---|-------------------|

| | | |
|----------------------|---|-------------------|
| Reproductive effects | : | no data available |
|----------------------|---|-------------------|

| | | |
|----------------|---|-------------------|
| Teratogenicity | : | no data available |
|----------------|---|-------------------|

| | | |
|---------------|---|--------------------------------|
| Sensitisation | : | Substance is not a sensitizer. |
|---------------|---|--------------------------------|

Material Safety Data Sheet

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



PLEDGE® MULTI-SURFACE CLEAN & DUST™

Version 1.

Print Date 03/21/2010

Revision Date 03/16/2010

MSDS Number 350000003654
SITE_FORM Number
30000000000000002991.001

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

▪ 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.

Material Safety Data Sheet

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



PLEDGE® MULTI-SURFACE CLEAN & DUST™

Version 1.

Print Date 03/21/2010

Revision Date 03/16/2010

MSDS Number 3500000003654
SITE_FORM Number
30000000000000002991.001

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 | 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) |
|--------------|--|