

Material Safety Data Sheet

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



PLEDGE® AEROSOL FURNITURE SPRAY - DUST AND ALLERGEN

Version 1.2

Print Date 08/22/2012

Revision Date 09/07/2011

MSDS Number 350000016420
SITE_FORM Number
3000000000000012232.001

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : PLEDGE® AEROSOL FURNITURE SPRAY - DUST AND ALLERGEN

Use of the Substance/Mixture : Furniture Polish/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 : off-white / aerosol / pleasant

Immediate Concerns

: Caution
Avoid contact with skin, eyes and clothing.
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 : May cause:
Mild eye irritation

Skin : None known.

Inhalation : No adverse effects expected when used as directed.

Ingestion : No adverse effects expected when used as directed.

Aggravated Medical Condition : None known.

Material Safety Data Sheet

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



PLEDGE® AEROSOL FURNITURE SPRAY - DUST AND ALLERGEN

Version 1.2

Print Date 08/22/2012

Revision Date 09/07/2011

MSDS Number 350000016420

SITE_FORM Number

3000000000000012232.001

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 |
|------------------------------------|------------|----------------|
| Naphtha, petroleum, light alkylate | 64741-66-8 | 5.00 - 10.00 |

For additional information on product ingredients, see 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 : Rinse mouth with water.

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 : Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.
- Flash point : 37 °C
98.6 °F
Method: Tag Closed Cup (TCC)
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

Material Safety Data Sheet

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



PLEDGE® AEROSOL FURNITURE SPRAY - DUST AND ALLERGEN

Version 1.2

Print Date 08/22/2012

Revision Date 09/07/2011

MSDS Number 350000016420
SITE_FORM Number
3000000000000012232.001

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

Respiratory protection

- Industrial setting : No personal respiratory protective equipment normally

Material Safety Data Sheet

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



PLEDGE® AEROSOL FURNITURE SPRAY - DUST AND ALLERGEN

Version 1.2

Print Date 08/22/2012

Revision Date 09/07/2011

MSDS Number 350000016420
SITE_FORM Number
30000000000000012232.001

required.

Household setting : Use only with adequate ventilation.

Hand protection : No special requirements.

Eye protection

Industrial setting : No special requirements.

Household setting : Avoid contact with eyes.

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 : off-white

Odor : pleasant

pH : 7.5 - 8.5
at 20 °C(as an emulsion)

Boiling point : no data available

Freezing point : no data available

Flash point : 37 °C
98.6 °F
Method: Tag Closed Cup (TCC)

Evaporation rate : no data available

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

Autoignition temperature : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

Vapour pressure : no data available

Material Safety Data Sheet

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



PLEDGE® AEROSOL FURNITURE SPRAY - DUST AND ALLERGEN

Version 1.2

Print Date 08/22/2012

Revision Date 09/07/2011

MSDS Number 350000016420

SITE_FORM Number

3000000000000012232.001

| | | |
|--|---|---|
| Density | : | 0.955 g/cm ³ at 20 °Cestimated |
| Water solubility | : | immiscible |
| Viscosity, dynamic | : | Very viscous |
| Viscosity, kinematic | : | no data available |
| Volatile Organic Compounds Total VOC (wt. %)* | : | 10.8 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations |

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 under recommended storage conditions. |

11. TOXICOLOGICAL INFORMATION

| | | |
|---------------------------|---|-------------------------------------|
| Acute oral toxicity | : | LD50 Calculated > 5,000 mg/kg |
| Acute inhalation toxicity | : | LC50 estimated > 212 mg/l |
| Acute dermal toxicity | : | LD50 Calculated > 2,000 mg/kg |
| Chronic effects | | |
| Carcinogenicity | : | None Anticipated |
| Mutagenicity | : | None Anticipated |
| Reproductive effects | : | None Anticipated |

Material Safety Data Sheet

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



PLEDGE® AEROSOL FURNITURE SPRAY - DUST AND ALLERGEN

Version 1.2

Print Date 08/22/2012

Revision Date 09/07/2011

MSDS Number 350000016420

SITE_FORM Number

3000000000000012232.001

Teratogenicity : None Anticipated

Sensitisation : Not known to be 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

Packaging group: None.

EmS: F-D, S-U

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

Air transport

Material Safety Data Sheet

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



PLEDGE® AEROSOL FURNITURE SPRAY - DUST AND ALLERGEN

Version 1.2

Print Date 08/22/2012

Revision Date 09/07/2011

MSDS Number 350000016420

SITE_FORM Number

3000000000000012232.001

- **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, 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.

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 | 3 |
| Reactivity | 0 |

NFPA Ratings

| | |
|------------|---|
| Health | 1 |
| Fire | 3 |
| Reactivity | 0 |
| Special | - |

Further information

Material Safety Data Sheet

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



PLEDGE® AEROSOL FURNITURE SPRAY - DUST AND ALLERGEN

Version 1.2

Print Date 08/22/2012

Revision Date 09/07/2011

MSDS Number 350000016420
SITE_FORM Number
30000000000000012232.001

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