Material Safety Data Sheet

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

PLEDGE ® FURNITURE SPRAY - SPECIALTY SURFACES

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1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name	:	PLEDGE ® FURNITURE SPRAY - SPECIALTY SURFACES
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 Transport & Medical Emergency Phone (866) 231-5406 24 Hour International Emergency Phone (952) 852-4647

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.

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

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

		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

Density	:	0.955 g/cm3 at 20 °Cestimated
Water solubility	:	immiscible
Viscosity, dynamic	:	Very viscous
Viscosity, kinematic	:	no data available
Volatile Organic Compounds Total VOC (wt. %)*	:	10.5 % - 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

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

- *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

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)