

# MATERIAL SAFETY DATA SHEET

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MSDS # 110338040

## PLEDGE® LEMON - AEROSOL

Date Issued: 05Feb2007

Supersedes: 15May2006

### US MANUFACTURER:

S.C. Johnson & Son, Inc.  
Phone: (800) 725-6737  
Racine, Wisconsin 53403-2236  
Emergency Phone: (866) 231-5406  
International Emergency Phone:  
(952) 852-4647

### CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited  
Phone: (800) 725-6737  
1 Webster Street  
Brantford, Ontario N3T 5R1  
Transportation Emergency:  
CANUTEC (collect) (613) 996-6666  
Poison Control: (866) 231-5406

| HAZARD RATING   | HMIS | HAZARD       | NFPA | DISTRIBUTED IN CANADA BY:     |
|-----------------|------|--------------|------|-------------------------------|
| 4-Very High     | 0    | Health       | 0    | S.C. Johnson and Son, Limited |
| 3-High          | 4    | Flammability | 4    | Phone: (800) 725-6737         |
| 2-Moderate      | 0    | Reactivity   | 0    | 1 Webster Street              |
| 1-Slight        |      | Special      |      | Brantford, Ontario N3T 5R1    |
| 0-Insignificant |      |              |      |                               |

## SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... PLEDGE® LEMON - AEROSOL  
REASON FOR CHANGE..... MSDS Serial. Section 2. Section 3. Section 4. Section 8. Section 10. Section 11. Section 13.  
PRODUCT USE..... Furniture care

## SECTION 2 - INGREDIENT INFORMATION

| INGREDIENT                                                  | WEIGHT% | EXPOSURE LIMIT/TOXICITY                |
|-------------------------------------------------------------|---------|----------------------------------------|
| Isobutane (CAS# 75-28-5).....                               | 1-5     | NOT ESTABLISHED                        |
| Propane (CAS# 74-98-6).....                                 | 1-5     | 1000 ppm OSHA PEL , 2500 ppm ACGIH TWA |
| Butane (CAS# 106-97-8).....                                 | 1-5     | 800 ppm ACGIH/OSHA TWA                 |
| Silicones (CAS# 63148-62-9).....                            | 5-10    | NOT ESTABLISHED                        |
| Isoparaffinic hydrocarbon solvent.....<br>(CAS# 64741-66-8) | 5-10    | Not established                        |
| Water (CAS# 7732-18-5).....                                 | 70-85   | NOT ESTABLISHED                        |

## SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Eye contact. Skin contact. Ingestion. Inhalation.  
EFFECTS OF ACUTE EXPOSURE:  
EYE..... May cause: Sensation of irritation.  
SKIN..... None known.  
INHALATION..... None known.  
INGESTION..... Aspiration into the lungs may cause severe health effects.  
MEDICAL CONDITIONS..... None known.  
GENERALLY RECOGNIZED  
AS BEING AGGRAVATED  
BY EXPOSURE

## SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Rinse with plenty of water. If irritation develops, get medical attention.  
SKIN CONTACT..... Wash contaminated area with water and soap.

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### SECTION 4 - FIRST AID MEASURES (continued)

INHALATION..... If breathing is affected, remove to fresh air.  
INGESTION..... Do not induce vomiting! Rinse mouth immediately. Do not administer anything by mouth to an unconscious person. Get medical attention immediately.

### SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... < 20°F (< -7°C) (TCC) (propellant)  
FLAMMABLE LIMITS..... Not available.  
AUTOIGNITION..... Not available.  
TEMPERATURE  
EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.  
SPECIAL FIREFIGHTING... Fight fire from maximum distance or protected area. Cool and use  
PROCEDURES caution when approaching or handling fire-exposed containers. Fire fighters should wear self-contained breathing apparatus and protective clothing.  
UNUSUAL FIRE AND..... Aerosol product - Containers may rocket or explode in heat of  
EXPLOSION HAZARDS fire.

### SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Absorb with oil-dri or similar  
CASE MATERIAL IS inert material. Sweep or scrape up and containerize. Rinse  
RELEASED OR SPILLED affected area thoroughly with water.

### SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... CAUTION: FLAMMABLE: CONTENTS UNDER PRESSURE. Keep away from  
INFORMATION heat, sparks and flame. Do not puncture or incinerate. Do not store at temperatures above 120 °F (50 °C). Do not spray or use on floors. KEEP OUT OF REACH OF CHILDREN.  
OTHER HANDLING AND..... Store in a cool, dry place with adequate ventilation. Keep from  
STORAGE CONDITIONS freezing.

### SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions. If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to prevent overexposure.  
VENTILATION..... No special requirements.  
PROTECTIVE GLOVES..... No special requirements under normal use conditions.  
EYE PROTECTION..... No special requirements under normal use conditions.  
OTHER PROTECTIVE..... If major exposure is possible to eyes/skin, wear/use appropriate  
MEASURES protective equipment.

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... White  
PRODUCT STATE..... Dispensed as a spray mist.  
ODOR..... Lemon  
pH..... Not applicable.  
ODOR THRESHOLD..... Not available.  
SOLUBILITY IN WATER.... Appreciable  
SPECIFIC GRAVITY..... 0.917 g/cc  
(H2O=1)

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### ----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

|                                    |                |
|------------------------------------|----------------|
| VISCOSITY.....                     | Not available  |
| VAPOR DENSITY (AIR=1) ..           | Not available. |
| EVAPORATION RATE (BUTYL ACETATE=1) | Not available. |
| VAPOR PRESSURE (mm HG) ..          | Not available. |
| BOILING POINT.....                 | Not available. |
| FREEZING POINT.....                | Not available. |
| COEFFICIENT OF.....                | Not available. |
| WATER/OIL                          |                |
| PERCENT VOLATILE BY....            | > 90           |
| VOLUME (%)                         |                |
| VOLATILE ORGANIC.....              | Not available. |
| COMPOUND (VOC)                     |                |
| THEORETICAL VOC.....               | Not available. |
| (LB/GAL)                           |                |

### ----- SECTION 10 - STABILITY AND REACTIVITY -----

|                                      |                                                               |
|--------------------------------------|---------------------------------------------------------------|
| STABILITY.....                       | Stable                                                        |
| STABILITY - CONDITIONS TO AVOID      | Excessive heat.                                               |
| INCOMPATIBILITY.....                 | Strong oxidizing materials (e.g. liquid chlorine).            |
| HAZARDOUS DECOMPOSITION PRODUCTS     | When exposed to fire: Produces normal products of combustion. |
| HAZARDOUS.....                       | Will not occur.                                               |
| POLYMERIZATION                       |                                                               |
| HAZARDOUS.....                       | Not applicable.                                               |
| POLYMERIZATION - CONDITIONS TO AVOID |                                                               |

### ----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

|                                  |                                   |
|----------------------------------|-----------------------------------|
| LD50 (ACUTE ORAL TOX) ..         | Greater than 20,000 mg/kg (rats). |
| LD50 (ACUTE DERMAL TOX)          | Not available.                    |
| LC50 (ACUTE INHALATION TOX)      | 212 mg/L                          |
| EFFECTS OF CHRONIC..... EXPOSURE | None known.                       |
| SENSITIZATION.....               | None known.                       |
| CARCINOGENICITY.....             | None known.                       |
| REPRODUCTIVE TOXICITY..          | None known.                       |
| TERATOGENICITY.....              | None known.                       |
| MUTAGENICITY.....                | None known.                       |

### ----- SECTION 12 - ECOLOGICAL INFORMATION -----

|                         |                |
|-------------------------|----------------|
| ENVIRONMENTAL DATA..... | Not available. |
|-------------------------|----------------|

### ----- SECTION 13 - DISPOSAL CONSIDERATIONS -----

|                                 |                                                                                                                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WASTE DISPOSAL..... INFORMATION | If possible, recycle empty aerosol can to nearest steel recycling center. Use up package or give to someone who can. Observe all Federal, Provincial, State and Municipal regulations. |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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### ----- SECTION 14 - TRANSPORTATION INFORMATION -----

US DOT INFORMATION..... Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.  
CANADIAN SHIPPING NAME. PLEDGE® LEMON - AEROSOL  
TDG CLASSIFICATION..... Not applicable.  
PIN/NIP..... Not applicable.  
PACKING GROUP..... Not applicable.  
EXEMPTION NAME..... Consumer commodity

### ----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... Not applicable.

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

This product is not subject to the reporting requirements under California's Proposition 65.

### ----- SECTION 16 - OTHER INFORMATION -----

ADDITIONAL INFORMATION. NFPA 30B Level 1 Aerosol.  
EPA REGISTRATION #..... Not applicable.

### ----- PREPARATION INFORMATION -----

PREPARED BY..... Manufacturer's Technical Support Department. Refer to page 1 (Manufacturer) for contact information.

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