

# MATERIAL SAFETY DATA SHEET

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MSDS # 110353001

## PLEDGE® WITH ORANGE OIL

Date Issued: 26Feb2004

Supersedes: 01Aug2001

### 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	1	Health	1	S.C. Johnson and Son, Limited
3-High	1	Flammability	1	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® WITH ORANGE OIL  
REASON FOR CHANGE..... No significant changes.  
PRODUCT USE..... Household: Furniture care

## SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Emulsifier.....	1-3	NOT ESTABLISHED
Silicone fluid.....	3-7	NOT ESTABLISHED LD50: >34,600 mg/kg (oral-rat) ; LC50: >10,200 mg/kg (dermal-rabbit)
D-limonene.....	3-7	Not established
Mineral oil.....	75-90	5 mg/m <sup>3</sup> OSHA PEL , 5 mg/m <sup>3</sup> ACGIH TLV-TWA

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

ROUTE(S) OF ENTRY..... Skin contact.  
EFFECTS OF ACUTE EXPOSURE:  
EYE..... None known.  
SKIN..... Prolonged or repeated contact may cause: Mild skin irritation.  
INHALATION..... None known.  
INGESTION..... Aspiration into the lungs may cause severe health effects.  
MEDICAL CONDITIONS..... Persons with pre-existing skin disorders may be more susceptible  
GENERALLY RECOGNIZED to irritating effects.  
AS BEING AGGRAVATED  
BY EXPOSURE

## SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... No special requirements.  
SKIN CONTACT..... Wash contaminated area with water and soap.  
INHALATION..... No special requirements.  
INGESTION..... Do not induce vomiting! Immediately drink 1-2 glasses of water  
or milk. Seek immediate medical attention.

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### SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... 216°F (102°C) (TCC)  
FLAMMABLE LIMITS..... Not available.  
AUTOIGNITION..... Not available.  
TEMPERATURE  
EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.  
SPECIAL FIREFIGHTING... Normal fire fighting procedure may be used.  
PROCEDURES  
UNUSUAL FIRE AND..... Container may melt and leak in heat of fire. Liquid run-off to  
EXPLOSION HAZARDS sewers may create fire/explosion hazard.

### SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Eliminate all ignition sources. Dike large spills. Absorb with  
CASE MATERIAL IS oil-dri or similar inert material. Sweep or scrape up and  
RELEASED OR SPILLED containerize.

### SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... DANGER: Harmful or fatal if swallowed. If swallowed, do not  
INFORMATION induce vomiting. If swallowed: rinse mouth with water, then  
drink large quantities of water or milk and then go to a doctor  
or hospital emergency room. Contains: petroleum distillate. Keep  
out of reach of children.  
OTHER HANDLING AND..... Wash thoroughly after handling. Keep out of reach of children.  
STORAGE CONDITIONS

### SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.  
VENTILATION..... No special requirements.  
PROTECTIVE GLOVES..... No special requirements under normal use conditions.  
EYE PROTECTION..... No special requirements under normal use conditions.  
OTHER PROTECTIVE..... No special requirements.  
MEASURES

### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Yellow  
PRODUCT STATE..... Liquid.  
ODOR..... Citrus  
pH..... Not available.  
ODOR THRESHOLD..... Not available.  
SOLUBILITY IN WATER.... Negligible  
SPECIFIC GRAVITY..... 0.85  
(H2O=1)  
VISCOSITY..... Not available  
VAPOR DENSITY (AIR=1).. Not available.  
EVAPORATION RATE (BUTYL Not available.  
ACETATE=1)  
VAPOR PRESSURE (mm HG). Not available.  
BOILING POINT..... Not available.  
FREEZING POINT..... Not available.  
COEFFICIENT OF..... Not available.  
WATER/OIL

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

PERCENT VOLATILE BY.... > 90  
VOLUME (%)  
VOLATILE ORGANIC..... < 5 d-Limonene.  
COMPOUND (VOC)  
THEORETICAL VOC..... Not available.  
(LB/GAL)

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

STABILITY..... Stable  
STABILITY - CONDITIONS. None known.  
TO AVOID  
INCOMPATIBILITY..... None known.  
HAZARDOUS DECOMPOSITION When exposed to fire: Produces normal products of combustion.  
PRODUCTS  
HAZARDOUS..... Will not occur.  
POLYMERIZATION  
HAZARDOUS..... Not applicable.  
POLYMERIZATION -  
CONDITIONS TO AVOID

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

LD50 (ACUTE ORAL TOX).. Not available.  
LD50 (ACUTE DERMAL TOX) Not available.  
LC50 (ACUTE INHALATION. Not available.  
TOX)  
EFFECTS OF CHRONIC..... None known.  
EXPOSURE  
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..... No special method. Observe all applicable Federal/ Provincial/  
INFORMATION State regulations and Local/ Municipal ordinances regarding  
disposal of non-hazardous materials.

### ----- 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® WITH ORANGE OIL  
TDG CLASSIFICATION..... Not applicable.  
PIN/NIP..... Not applicable.  
PACKING GROUP..... Not applicable.  
EXEMPTION NAME..... Not applicable.

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### ----- 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. Use as directed.

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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