

MATERIAL SAFETY DATA SHEET

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MSDS # 110327003

PLEDGE® ORANGE FRESH

Date Issued: 01Aug2005

Supersedes: 15Sep2004

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® ORANGE FRESH
REASON FOR CHANGE..... No significant changes.
PRODUCT USE..... Household: Furniture care

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Silicone Fluid.....	5-10	NOT ESTABLISHED
Isoparaffinic hydrocarbon solvent.....	7-13	300 ppm SUPPLIER RECOMMENDED
Hydrocarbon propellant blend.....	7-13	1000 ppm ACGIH/OSHA TWA
Water (CAS# 7732-18-5).....	65-80	NOT ESTABLISHED

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

ROUTE(S) OF ENTRY..... Skin contact. Ingestion.
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.
SKIN CONTACT..... Wash contaminated area with water and soap.
INHALATION..... Remove to fresh air.
INGESTION..... Immediately drink 1-2 glasses of water or milk. Contact nearest
poison control center.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... < 20°F (< -7°C) (TCC)

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----- SECTION 5 - FIRE AND EXPLOSION INFORMATION (continued) -----

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

----- SECTION 6 - PREVENTIVE RELEASE MEASURES -----

STEPS TO BE TAKEN IN... CASE MATERIAL IS RELEASED OR SPILLED	Eliminate all ignition sources. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water.
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----- SECTION 7 - HANDLING AND STORAGE -----

PRECAUTIONARY..... INFORMATION	CAUTION: FLAMMABLE: Contains: petroleum distillate. CONTENTS UNDER PRESSURE. Do not use near open fire, flames or heat. 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..... STORAGE CONDITIONS	Store in a cool, dry place with adequate ventilation. Keep from freezing.

----- 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..... MEASURES	No special requirements.

----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

COLOR.....	Opaque
PRODUCT STATE.....	Dispensed as a spray mist.
ODOR.....	Citrus Spicy
pH.....	Not applicable.
ODOR THRESHOLD.....	Not available.
SOLUBILITY IN WATER....	Negligible
SPECIFIC GRAVITY..... (H2O=1)	~ 0.917 g/cc
VAPOR DENSITY (AIR=1)..	Not available.
EVAPORATION RATE (BUTYL ACETATE=1)	Not available.
VAPOR PRESSURE (mm HG).	Not available.
BOILING POINT.....	212°F (100°C)
FREEZING POINT.....	32°F (0°C)
COEFFICIENT OF..... WATER/OIL	Not available.

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

PERCENT VOLATILE BY.... > 90
VOLUME (%)
VOLATILE ORGANIC..... 19.0-19.5 Hydrocarbon Propellant. Isoparaaffinic Hydrocarbon.
COMPOUND (VOC)
THEORETICAL VOC..... 1.45-1.50 lb/gal
(LB/GAL)

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

STABILITY..... Stable
STABILITY - CONDITIONS. Not applicable.
TO AVOID
INCOMPATIBILITY..... No special requirements.
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)... Greater than 5000 mg/kg (rats)
LD50 (ACUTE DERMAL TOX) Not applicable.
LC50 (ACUTE INHALATION. Not applicable.
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..... If possible, recycle empty aerosol can to nearest steel
INFORMATION recycling center. Use up package or give to someone who can.

----- 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® ORANGE FRESH
TDG CLASSIFICATION..... Not applicable.
PIN/NIP..... Not applicable.
PACKING GROUP..... Not applicable.
EXEMPTION NAME..... Consumer commodity

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

WHMIS CLASSIFICATION... Non-regulated.

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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