

**MATERIAL SAFETY DATA SHEET**

**Page 1 of 4  
LEMON SHINE-UP (AEROSOL)**

**MSDS # 114440020**

**Date Issued: 08Feb1999**

**Supersedes: 17Apr1997**

**US MANUFACTURER:**  
S.C. Johnson Commercial Markets, Inc.  
S.C. Johnson Professional  
8310 16th Street  
Sturtevant, Wisconsin 53177-0902  
Phone: (800) 725-6737  
MSDS Internet Address:  
www.scjprofessional.com  
Emergency Phone: (800) 851-7145

**CANADIAN MANUFACTURER:**  
S.C. Johnson Professional, Inc.  
Phone: (519) 756-7900  
1 Webster Street, Suite 100  
Brantford, Ontario N3T 5R1  
Transportation Emergency:  
CANUTEC (collect) (613) 996-6666  
Emergency Phone: (800) 851-7145

HAZARD RATING	HMSIS	HAZARD	NFPA
4-Very High	0	Health	0
3-High	4	Flammability	4
2-Moderate	0	Reactivity	0
1-Slight		Special	
0-Insignificant			

**DISTRIBUTED IN CANADA BY:**  
S.C. Johnson Professional, Inc.  
Phone: (519) 758-6611  
1 Webster Street, Suite 100  
Brantford, Ontario N3T 5R1

**SECTION 1 - PRODUCT IDENTIFICATION**

PRODUCT NAME..... LEMON SHINE-UP (AEROSOL)  
REASON FOR CHANGE..... Section 1. Section 2. Section 3. Section 4. Section 5. Section 6. Section 7. Section 10. Section 13. Section 14. Section 16.  
PRODUCT USE..... Furniture care

**SECTION 2 - INGREDIENT INFORMATION**

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
[PA NJ MA] Butane (CAS#106-97-8).....	1-5	800 ppm ACGIH/OSHA TWA
[PA NJ MA] Propane (CAS#74-98-6).....	1-5	1000 ppm OSHA PEL
[PA NJ MA] Isobutane (CAS#75-28-5).....	1-5	NOT ESTABLISHED
Isoparaffinic Hydrocarbon Solvent..... (CAS#64742-48-9)	10-30	300 ppm SUPPLIER RECOMMENDED LD50: 6,320 mg/kg (oral-rat)
Water (CAS#7732-18-5).....	60-100	NOT ESTABLISHED

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

ROUTE(S) OF ENTRY..... Eye contact. Skin contact.  
EFFECTS OF ACUTE EXPOSURE:  
EYE..... None known.  
SKIN..... None known.  
INHALATION..... None known.  
INGESTION..... None known.  
MEDICAL CONDITIONS..... None known.  
GENERALLY RECOGNIZED  
AS BEING AGGRAVATED  
BY EXPOSURE

HILL & MARKES, INC.  
PO BOX 7, EDSON ST.  
AMSTERDAM, NY 12010  
518-842-2410/FAX-1207

**SECTION 4 - FIRST AID MEASURES**

EYE CONTACT..... Rinse with plenty of water.  
SKIN CONTACT..... Rinse with plenty of water.  
INHALATION..... Remove to fresh air.

## MATERIAL SAFETY DATA SHEET

Page 2 of 4

MSDS # 114440020

### LEMON SHINE-UP (AEROSOL)

Date Issued: 08Feb1999

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

INGESTION..... Immediately drink 1-2 glasses of water or milk. Seek immediate medical attention. Do not induce vomiting!

#### SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... < 20°F (< -7°C) (propellant)  
FLAMMABLE LIMITS..... Not available.  
AUTOIGNITION..... Not available.  
TEMPERATURE  
EXTINGUISHING MEDIA.... Foam, CO2, Dry chemical, Water fog.  
SPECIAL FIREFIGHTING... Cool and use caution when approaching or handling fire-exposed  
PROCEDURES 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 fuller's earth or  
CASE MATERIAL IS other inert materials. Sweep or scrape up and containerize.  
RELEASED OR SPILLED Rinse affected area thoroughly with water.

#### SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... WARNING: FLAMMABLE: CONTENTS UNDER PRESSURE. Keep away from  
INFORMATION heat, sparks and flame. Do not puncture or incinerate. Do not expose to heat or store at temperatures above 120°F. Do not spray or use on floors. Do not let product overspray on to the floor as the product's ingredients could make the floor slippery. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.  
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.  
VENTILATION..... General room ventilation adequate.  
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..... Off-white.  
PRODUCT STATE..... Dispensed as a spray mist.  
ODOR..... Lemon.  
pH..... Not available.  
ODOR THRESHOLD..... Not available  
SOLUBILITY IN WATER... Moderate.  
SPECIFIC GRAVITY..... 0.88  
(H2O=1)  
VISCOSITY..... Not available

### MATERIAL SAFETY DATA SHEET

Page 3 of 4  
**LEMON SHINE-UP (AEROSOL)**

MSDS # 114440020

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

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.... Not available.  
VOLUME (%)  
VOLATILE ORGANIC..... Hydrocarbon propellant Isoparaffinic Hydrocarbon  
COMPOUND (VOC)  
THEORETICAL VOC..... Not available.  
(LB/GAL)

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

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

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

LD50 (ACUTE ORAL TOX).. Estimated to be greater than 5000 mg/kg (rats).  
LD50 (ACUTE DERMAL TOX) Not available.  
LC50 (ACUTE INHALATION TOX) Not available.  
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.  
Observe all Federal, Provincial, State and Municipal regulations.

## MATERIAL SAFETY DATA SHEET

Page 4 of 4

MSDS # 114440020

# LEMON SHINE-UP (AEROSOL)

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### SECTION 14 - TRANSPORTATION INFORMATION

US DOT INFORMATION..... Aerosols, 2.1, UN 1950, Ltd. Qty.  
CANADIAN SHIPPING NAME. AEROSOLS  
TDG CLASSIFICATION..... 2.1  
PIN/NIP..... UN 1950  
PACKING GROUP..... Not applicable.  
EXEMPTION NAME..... Limited Quantity.

### SECTION 15 - REGULATORY INFORMATION

WHMIS CLASSIFICATION... A; B,5;

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. These ingredients from Section 2 are subject to the following reporting requirements:

PA - The Pennsylvania Hazardous Substance List  
NJ - The New Jersey Right to Know Hazardous Substance List  
MA - The Massachusetts Hazardous Substance List

### SECTION 16 - OTHER INFORMATION

ADDITIONAL INFORMATION. NFPA 30B Level 1 Aerosol. 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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