

# MATERIAL SAFETY DATA SHEET



## Shine-Up Lemon

HMIS		NFPA	Personal protective equipment
Health	0	0	<b>None Required</b>
Fire Hazard	4	4	
Reactivity	0	0	

Version Number: 1

Preparation date: 2005-01-18

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Shine-Up Lemon

**MSDS #:** 114440021

**Product code:** 04441

**Recommended use:** Furniture care.

**Manufacturer, importer, supplier:**  
 US Headquarters: Canadian Headquarters  
 JohnsonDiversey, Inc. JohnsonDiversey - Canada, Inc.  
 8310 16th St. 2401 Bristol Circle  
 Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1  
 Phone: 1-888-352-2249 Phone: 1-800-668-3131  
 MSDS Internet Address:  
 www.johnsondiversev.com

**Emergency telephone number:** 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

WARNING. CONTENTS UNDER PRESSURE. FLAMMABLE LIQUID AND VAPOR.

**Principle routes of exposure:** Eyes. Skin. Inhalation.

**Skin contact:** None known.

**Eye contact:** None known.

**Inhalation:** None known.

**Ingestion:** None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Butane	106-97-8	1 - 5%	Not available	Not available	65.8 g/m <sup>3</sup> (rat)
Propane	74-98-6	1 - 5%	Not available	Not available	Not available
Isobutane	75-28-5	1 - 5%	Not available	Not available	Not available

### 4. FIRST AID MEASURES

**Eye contact:** Rinse with plenty of water.

**Skin contact:** Rinse with plenty of water.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** No specific first aid measures are required.

**Aggravated Medical Conditions:** None known.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Dry chemical, water spray, foam, carbon dioxide.

**Specific hazards:** Aerosol product - Containers may rocket or explode in heat of fire.

**Unusual hazards:** None known

**Specific methods:** Aerosol Product - Containers may rocket or explode in heat of fire. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Extinguishing media which must not be used for safety reasons:** None.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Remove all sources of ignition. Ensure adequate ventilation.  
**Environmental precautions and clean-up methods:** Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

### Handling:

Avoid contact with skin and eyes. Avoid breathing vapors or mists. Use only in well-ventilated areas. CONTENTS UNDER PRESSURE. Do not puncture or incinerate. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Storage:

Store in a cool, dry, well ventilated area away from heat or open flame. Protect from freezing. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 degrees C or 120 degrees F. Do not pierce or burn, even after use. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering measures to reduce exposure:

No special ventilation requirements.

### Personal Protective Equipment

**Eye protection:** No special requirements under normal use conditions  
**Hand protection:** No special requirements under normal use conditions  
**Skin and body protection:** No special requirements under normal use conditions  
**Respiratory protection:** No special requirements under normal use conditions  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

Ingredient	CAS #	ACGIH	OSHA	Mexico
Butane	106-97-8	1000 ppm (TWA)	1900 mg/m <sup>3</sup> 800 ppm (TWA)	1900 mg/m <sup>3</sup> (TWA)
Propane	74-98-6	1000 ppm (TWA)	1800 mg/m <sup>3</sup> 1000 ppm (TWA)	
Isobutane	75-28-5	1000 ppm (TWA)		

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid  
**Color:** White  
**Odor:** Lemon  
**Specific gravity:** 0.928  
**Dilution pH:** No information available  
**Bulk density:** No information available  
**Vapor density:** No information available  
**Evaporation rate:** No information available  
**Solubility in other solvents:** No information available  
**Viscosity:** No information available  
**Partition coefficient (n-octanol/water):** No information available

**Appearance:** Aerosol  
**Boiling point/range:** Not determined  
**Melting point/range:** Not determined  
**pH:** No information available  
**Density:** 0.928  
**Decomposition temperature:** Not determined  
**Autoignition temperature:** No information available  
**Solubility:** Emulsifiable  
**VOC:** 17.0  
**Flash point:** <20 (°F) <-7 (°C)

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerisation does not occur  
**Hazardous decomposition products:** None reasonably foreseeable  
**Conditions to avoid:** Do not freeze. Keep away from open flames, hot surfaces and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity Component Information:** Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg. See Section 3  
**Chronic toxicity:** None known  
**Specific effects**  
**Carcinogenic effects:** None known  
**Mutagenic effects:** None known  
**Reproductive toxicity:** None known  
**Target organ effects:** None known

## 12. ECOLOGICAL INFORMATION

**Environmental Information:** When used for its intended purpose this product should not cause adverse effects in the environment

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:**

Use up contents if possible before disposal . If possible, recycle empty aerosol cans to the nearest steel recycling center .

## 14. TRANSPORT INFORMATION

**DOT/TDG:** Please refer to the Bill of Lading/receiving documents for up to date shipping information

## 15. REGULATORY INFORMATION

**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

**U.S. Regulations**

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

**STATE RIGHT TO KNOW**

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Butane	106-97-8	Listed	Listed	Listed	Listed	Listed	Listed
Naphtha, petroleum, light alkylate	64741-66-8	-	-	-	-	-	-
Propane	74-98-6	Listed	Listed	Listed	Listed	Listed	Listed
Isobutane	75-28-5	Listed	Listed	Listed	-	Listed	Listed
Water	7732-18-5	-	-	-	-	-	-

**CERCLA / SARA**

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Butane	106-97-8	1 - 5%	100		
Propane	74-98-6	1 - 5%	100		
Isobutane	75-28-5	1 - 5%	100		

**CAA HAP/CAA ODS/CWA Priority Pollutants:** None

**Canada**

**WHMIS hazard class:** A Compressed gases, B5 Flammable aerosol.



## 16. OTHER INFORMATION

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** None

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