



## Shine-Up Lemon

HMIS		NFPA	Personal protective equipment
Health	0	0	None / Aucune / Ninguno
Fire Hazard	4	4	
Reactivity	0	0	

Version Number: 1

Preparation date: 2008-01-09

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Shine-Up Lemon

**MSDS #:** 114440021

**Product Code:** 04441

**Recommended use:** Furniture care.

**Manufacturer, importer, supplier:**

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

**Eye contact:** None known.

**Skin contact:** None known.

**Inhalation:** None known.

**Ingestion:** None known.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

## Hazardous ingredients

Ingredient(s)	CAS #	Weight %	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Butane	106-97-8	1 - 5%	Not available	Not available	=658 g/m <sup>3</sup> (4 h)
Propane	74-98-6	1 - 5%	Not available	Not available	=658 mg ( )
Isobutane	75-28-5	1 - 5%	Not available	Not available	=658 mg/L (4 h)

## 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 expode 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.

## 5. FIRE-FIGHTING MEASURES

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Aerosol	<b>Bulk density:</b>	No information available
<b>pH:</b>	Not applicable	<b>Dilution pH:</b>	No information available.
<b>Appearance:</b>	Aerosol	<b>Vapor density:</b>	No information available
<b>Color:</b>	White	<b>Evaporation Rate</b>	No information available
<b>Odor:</b>	Lemon	<b>Boiling point/range:</b>	Not determined
<b>Specific gravity:</b>	0.928	<b>Melting point/range:</b>	Not determined
<b>Density:</b>	7.74 lbs/gal	<b>Decomposition temperature:</b>	Not determined
<b>VOC:</b>	17.0% *	<b>Autoignition temperature:</b>	No information available
<b>Flash point:</b>	<20°F <-7°C	<b>Partition coefficient (n-octanol/water):</b>	No information available
<b>Solubility:</b>	Dispersible	<b>Solubility in other solvents:</b>	No information available
<b>Viscosity:</b>	No information available	<b>Elemental Phosphorus:</b>	0 %P

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 10. STABILITY AND REACTIVITY

**Stability:** The product is stable  
**Polymerization:** Hazardous polymerization 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:** Oral LD50 estimated to be greater than 5000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg  
**Component Information:** See Section 3  
**Chronic toxicity:** None known  
**Specific effects**  
**Carcinogenic effects:** None known  
**Mutagenic effects:** None known

## 11. TOXICOLOGICAL INFORMATION

Reproductive toxicity: None known  
Target organ effects: None known

## 12. ECOLOGICAL INFORMATION

Environmental Information: No data available

## 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), Europe (EINECS/ELINCS/NLP), Korea (ECL), Philippines (PICCS), New Zealand (NZIoC), China (IECSC).

### 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(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Silicones	63148-62-9	-	X	-	-
Naphtha, petroleum, light alkylate	64741-66-8	-	-	-	-
Water	7732-18-5	-	-	-	-
Butane	106-97-8	X	X	X	X
Propane	74-98-6	X	X	X	X
Isobutane	75-28-5	X	X	X	-

### CERCLA/ SARA

CAA HAP/CAA ODS/CWA Priority Pollutants: None

### SARA 311/312 Hazard Categories

Immediate: -  
Delayed: -  
Fire: X  
Reactivity: -  
Sudden Release of Pressure: X

### Canada

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



Ingredient(s)	CAS #	NPRI
Propane	74-98-6	X

## 16. OTHER INFORMATION

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

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