



**PLEDGE - Lemon (Aerosol)**

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

Version Number: 2

Preparation date: 2009-10-23

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** PLEDGE - Lemon (Aerosol)

**MSDS #:** 126026-009

**Product Code:** 94430, 3694028

**Recommended use:** Furniture care. Industrial/Institutional.

**Manufacturer, importer, supplier:**  
 US Headquarters: JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-1964  
 Phone: 1-888-352-2249  
 MSDS Internet Address: www.johnsondiverse.com

Canadian Headquarters: JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1  
 Phone: 1-800-668-3131

**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

WARNING: CONTENTS UNDER PRESSURE. FLAMMABLE.

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation. Ingestion.

**Eye contact:** None know n.

**Skin contact:** None know n.

**Inhalation:** None know n.

**Ingestion:** None know n.

**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%	2000	Not available	=658 mg/L (4 h)
Propane	74-98-6	1 - 5%	2400	Not available	=658 mg/L (4 h)
Isobutane	75-28-5	1 - 5%	2000	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 know n.

**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. NFPA 30B Level 1 Aerosol .

**Unusual hazards:** None know n

**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:** No information available

**6. ACCIDENTAL RELEASE MEASURES**

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

### Handling:

CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Keep away from open flames, hot surfaces and sources of ignition. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Storage:

Store in a cool, dry, well ventilated area away from heat or open flame. 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. Protect from freezing. KEEP OUT OF 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)		1900 mg/m <sup>3</sup> (TWA) 800 ppm (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> No information available	<b>Dilution pH:</b> No information available.
<b>Appearance:</b> Emulsion	<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> 0.916	<b>Melting point/range:</b> Not determined
<b>Density:</b> 7.63 lbs/gal 0.916 Kg/L	<b>Decomposition temperature:</b> Not determined
<b>VOC:</b> 16.8% *	<b>Autoignition temperature:</b> No information available
<b>Flash point:</b> <20°F <-6.67°C	<b>Partition coefficient (n-octanol/water):</b> No information available
<b>Solubility:</b> Insoluble	<b>Solubility in other solvents:</b> No information available
<b>Viscosity:</b> No information available	<b>Elemental Phosphorus:</b> 0% by w.t.

**Explosion limits:** - lower: Not determined- upper: Not determined

\* - 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  
**Component Information:** 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:** No data available

## 13. DISPOSAL CONSIDERATIONS

**Waste from residues / unused products:**  
Dispose of according to all federal, state and local applicable regulations

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

### CERCLA/ SARA

#### 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.



WHMIS graphic: Class A Compressed Gases

Ingredient(s)	CAS #	NPRI
Isobutane	75-28-5	X

## 16. OTHER INFORMATION

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

*Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.*