

# MATERIAL SAFETY DATA SHEET



## Pledge Lemon (Aerosol)

| HMIS        |   | NFPA | Personal protective equipment |
|-------------|---|------|-------------------------------|
| Health      | 0 | 0    | None Required                 |
| Fire Hazard | 4 | 4    |                               |
| Reactivity  | 0 | 0    |                               |

Version Number: 1

Preparation date: 2004-12-09

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Pledge Lemon (Aerosol)

**MSDS #:** 126026007

**Product code:** 94430

**Recommended use:** Furniture care.

**Manufacturer, importer, supplier:**

|                                                                                                                                                                             |                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| US Headquarters<br>JohnsonDiversey, Inc.<br>8310 16th St.<br>Sturtevant, Wisconsin 53177-0902<br>Phone: 1-888-352-2249<br>MSDS Internet Address:<br>www.johnsondiversey.com | Canadian Headquarters<br>JohnsonDiversey - Canada, Inc.<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>Phone: 1-800-668-3131 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|

**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

|                                                 |                          |                                   |                          |
|-------------------------------------------------|--------------------------|-----------------------------------|--------------------------|
| <b>Physical State:</b>                          | Liquid                   | <b>Appearance:</b>                | Aerosol                  |
| <b>Color:</b>                                   | White                    | <b>Boiling point/range:</b>       | Not determined           |
| <b>Odor:</b>                                    | Lemon                    | <b>Melting point/range:</b>       | Not determined           |
| <b>Specific gravity:</b>                        | 0.928                    | <b>pH:</b>                        | No information available |
| <b>Dilution pH:</b>                             | No information available | <b>Density:</b>                   | 0.919                    |
| <b>Bulk density:</b>                            | No information available | <b>Decomposition temperature:</b> | Not determined           |
| <b>Vapor density:</b>                           | No information available | <b>Autoignition temperature:</b>  | No information available |
| <b>Evaporation rate:</b>                        | No information available | <b>Solubility:</b>                | Emulsifiable             |
| <b>Solubility in other solvents:</b>            | No information available | <b>VOC:</b>                       | 16.96                    |
| <b>Viscosity:</b>                               | No information available | <b>Flash point:</b>               | <20 (°F) <-7 (°C)        |
| <b>Partition coefficient (n-octanol/water):</b> | No information available |                                   |                          |

## 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** 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  
**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/NDL), Philippines (PICCS), 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                        | CAS #      | MARTK: | NJRTK: | PARTK: | RIRTK: | ILRTK: | CTRTK: |
|-----------------------------------|------------|--------|--------|--------|--------|--------|--------|
| Water                             | 7732-18-5  | -      | -      | -      | -      | -      | -      |
| Isoparaffinic hydrocarbon solvent | 68920-06-9 | -      | -      | -      | -      | -      | -      |
| Silicones                         | 63148-62-9 | -      | -      | -      | -      | -      | -      |
| Butane                            | 106-97-8   | Listed | Listed | Listed | Listed | Listed | Listed |
| Isobutane                         | 75-28-5    | Listed | Listed | Listed | -      | Listed | Listed |
| Propane                           | 74-98-6    | Listed | Listed | Listed | Listed | Listed | Listed |

### CERCLA / SARA

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