

MATERIAL SAFETY DATA SHEET



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

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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 ³ (TWA) 800 ppm (TWA)
Propane	74-98-6	1000 ppm (TWA)	1000 ppm (TWA) 1800 mg/m ³ (TWA)	
Isobutane	75-28-5	1000 ppm (TWA)		

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Aerosol	Bulk density: No information available
pH: No information available	Dilution pH: No information available.
Appearance: Emulsion	Vapor density: No information available
Color: White	Evaporation Rate: No information available
Odor: Lemon	Boiling point/range: Not determined
Specific gravity: 0.916	Melting point/range: Not determined
Density: 7.63 lbs/gal 0.916 Kg/L	Decomposition temperature: Not determined
VOC: 16.8% *	Autoignition temperature: No information available
Flash point: <20°F <-6.67°C	Partition coefficient (n-octanol/water): No information available
Solubility: Insoluble	Solubility in other solvents: No information available
Viscosity: No information available	Elemental Phosphorus: 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.



W HMIS graphic: Class A Compressed Gases

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

16. OTHER INFORMATION

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

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