


# PLEDGE AEROSOL - LEMON

National Fire Protection Association (NFPA)		Hazardous Material Information System (HMIS)	<table border="1"> <tr> <td>Health</td> <td>0</td> </tr> <tr> <td>Fire Hazard</td> <td>4</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> </table>	Health	0	Fire Hazard	4	Reactivity	0
Health	0								
Fire Hazard	4								
Reactivity	0								
Protective Clothing	None required.	Emergency Overview	Off-white Aerosol. See Section 9. WARNING: CONTENTS UNDER PRESSURE.						

## Section 1. Chemical Product and Company Identification

Product Name	PLEDGE AEROSOL - LEMON	Code	94430
Product Use	Industrial/Institutional: Furniture care.	PMS#	433170
MSDS#	126026006	Validation Date	3/28/2002
DISTRIBUTED BY: BIRSCH INDUSTRIES 476 VIKING DRIVE, SUITE 102 VIRGINIA BEACH, VA 23452 (757) 622-0355 (888) 622-0356		Print Date	3/28/2002
		Supersedes	No Previous Validation.
		In Case of Emergency	(800) 851-7145

## Section 2. Composition and Information on Ingredients

Ingredients	CAS#	% by Weight	Exposure Limits	LC50/LD50
Propane	74-98-6	1-5	OSHA (United States). TWA: 1800 mg/m <sup>3</sup> ACGIH (United States). TWA: 4508 mg/m <sup>3</sup>	Not available.
Isobutane	75-28-5	1-5	Not available.	VAPOR (LC50): Acute: 0.0057 ppm 0.25 hour(s) [Rat].
Butane	106-97-8	1-5	OSHA (United States). TWA: 1900 mg/m <sup>3</sup> ACGIH (United States). TWA: 1900 mg/m <sup>3</sup>	Not available.
Isoparaffinic Hydrocarbon Solvent	68920-06-9	5-10	Not available.	Not available.
Silicones	63148-62-9	5-10	Not available.	DERMAL (LD50): Acute: 19400 mg/kg [Rabbit].
Water	7732-18-5	30-60	Not available.	Not available.

## Section 3. Hazards Identification

Routes of Entry	Inhalation, Skin contact, Eye contact
Potential Acute Health Effects	
Eyes	None known.
Skin	None known.
Inhalation	None known.
Ingestion	None known.
Medical Conditions Aggravated by Overexposure:	None known.
See Toxicological Information (section 11)	

<b>Section 4. First Aid Measures</b>	
Eye Contact	Rinse with plenty of running water.
Skin Contact	Rinse with plenty of running water.
Inhalation	No specific first aid measures are required.
Ingestion	No specific first aid measures are required.

<b>Section 5. Fire Fighting Measures</b>	
Flammability of the Product	NFPA 30B Level 1 Aerosol.
Flash Points	CLOSED CUP: <-7°C (19.4°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire-exposed containers cool. Dry chemical, carbon dioxide. Fight fire from protected location or maximum possible distance. In case of fire and/or explosion do not breathe fumes.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	Aerosol product - Containers may rocket or explode in heat of fire.

<b>Section 6. Accidental Release Measures</b>	
Personal Precautions	Put on appropriate personal protective equipment (see Section 8).
Environmental Precautions and Clean-up Methods	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

<b>Section 7. Handling and Storage</b>	
Handling	Do not puncture or incinerate. Do not use or spray on floors. FOR INDUSTRIAL USE ONLY
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep away from heat, sparks and flame. Do not puncture or incinerate. Pressurized container: protect from sunlight and do not expose to temperature exceeding 120°F (50°C). Do not pierce or burn, even after use. KEEP OUT OF REACH OF CHILDREN.

<b>Section 8. Exposure Controls/Personal Protection</b>	
Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
<i>Eyes</i>	No special requirements under normal use conditions.
<i>Hands</i>	No special requirements under normal use conditions.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	No special protective clothing is required.

<b>Section 9. Physical and Chemical Properties</b>	
Physical State and Appearance	Liquid. (Aerosol.)
Odor	Lemon like.
Color	Off-white.
pH	Not available.
Specific Gravity	0.891
Solubility in water	Dispersible.


<b>Section 10. Stability and Reactivity</b>	
Stability and Reactivity	The product is stable.
Conditions of Instability	Excessive heat.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	None known.
Hazardous Polymerization	Will not occur.

<b>Section 11. Toxicological Information</b>	
Acute toxicity	ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat).
Effects of Chronic Exposure	None known.
Other Toxic Effects	Not available.

<b>Section 12. Ecological Information</b>	
Not available.	

<b>Section 13. Disposal Considerations</b>	
Waste Information	If possible, recycle empty aerosol cans to the nearest steel recycling center. Use up package or give to someone who can. Dispose of according to all federal, state and local regulations.

<b>Section 14. Transport Information</b>	
<b>DOT Classification</b>	
DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
<b>TDG Classification</b>	
TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.

<b>Section 15. Regulatory Information</b>	
<b>Reporting in this section is based on ingredients disclosed in Section 2</b>	
<b>US Regulations</b>	
Federal	Clean air act (CAA) 112 accidental release prevention: Butane Clean air act (CAA) 112 regulated flammable substances: Isobutane, Propane, Butane CERCLA: Hazardous substances.: Isobutane, Propane
State	New Jersey: Isobutane, Propane, Butane Massachusetts spill list: Isobutane, Propane, Butane Massachusetts RTK: Isobutane, Propane, Butane Pennsylvania RTK: Isobutane, Propane, Butane This product is not subject to the reporting requirements under California's Proposition 65.
Registered Product Information	Not applicable.
<b>Canadian Regulations</b>	
WHMIS Classification	CLASS A: Compressed gas. CLASS B-5: Flammable aerosol.
WHMIS Icon	
Registered Product Information	Not applicable.
Chemical Inventory Status	All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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<b>Section 16. Other Information</b>	
Other Special Considerations	Not available.
Version	0.01
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