



MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet meets or exceeds the requirements of the Canadian Controlled Product Regulations (WHMIS)

1. Product and Supplier Identification

Product: CBR Citrus Paint Remover - Gel

Product Use: Paint Remover

Supplier: Canadian Building Restoration Products, Inc.,
#102, 876 Cordova Diversion
Vancouver, BC Canada V6A 3R3
Emergency Telephone: (604) 254-3325

Manufacturer: American Building Restoration Products Ltd.
9720 South 60TH Street,
Milwaukee, Wisconsin, USA, 53132

2. Composition

Component	% (w/w)	Exposure Limits ACGIH*	LD ₅₀	LC ₅₀
d-Limonene (CAS No 5989-27-5)	< 2%	N/p	4400 mg/kg (oral/rat) >5000 mg/kg (dermal/rabbit)	N/p
Non-hazardous ingredients or those below disclosure limits	>98%	N/ap	N/ap	N/ap

* ACGIH: American Conference of Governmental Industrial Hygienists. Exposure limits may vary from time to time and from one jurisdiction to another. Check with local regulatory agency for the exposure limits in your area.

ABBREVIATION KEY: N/p: not published, N/d: not determined, N/ap: not applicable, N/av: not available

3. Hazards Identification

Routes of Entry:

Skin Contact: Minor Eye Contact: Moderate Ingestion: Minor Inhalation: Minor

Acute Health Effects: Significant harmful effects are not expected by any route of exposure. For eye contact, the liquid may cause severe irritation, redness and corneal opacity. Due to the low volatility of the hazardous ingredient, acute inhalation effects are unlikely, but inhalation of mists may cause headache, dizziness, nausea, and/or difficulty in breathing. Product is non-toxic to skin. Ingestion is not a common route of occupational exposure, but should large quantities be ingested, mild gastrointestinal irritation resulting in possible diarrhea, nausea and vomiting.

Chronic Health Effects: Long-term exposure may cause an allergic reaction resulting in redness, swelling, or itching.

Medical Conditions Aggravated by Exposure: May aggravate pre-existing skin disorders.

4. First Aid Measures

Eye Contact: Quickly and gently blot or brush away excess chemical. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the chemical is removed, while holding the eyelid(s) open. If irritation occurs and persists, obtain medical attention immediately.

Skin Contact: Avoid direct contact with skin by wearing chemical resistant protective clothing. Remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently blot or brush away excess chemical. Wash gently and thoroughly with water and non-abrasive soap for at least 5 minutes or until chemical is removed. If irritation occurs and persists, obtain medical attention immediately. Completely decontaminate clothing, shoes and leather goods before re-use or discard.

Inhalation: Remove source of contamination or move victim to fresh air. If breathing is difficult, oxygen may be beneficial if administered by trained personnel, preferably on a doctor's advice. Symptoms of pulmonary edema can be delayed up to 48 hours after exposure. Immediately transport victim to an emergency care facility.

Ingestion: Never give anything by mouth if victim is rapidly losing consciousness. Have victim rinse mouth thoroughly with water. Dilute contents of stomach with 240 to 300 ml of water and induce vomiting as directed by medical personnel. While vomiting, or if vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Seek immediate medical attention.

5. Fire Fighting Measures

Flash point:	64 °C
Autoignition temperature:	Not applicable
Lower Explosive Limit:	Not available
Upper Explosion Limit:	Not available
Sensitivity to Impact:	Not sensitive.
Sensitivity to Static Discharge:	Not sensitive.

Hazardous Combustion Products: Various unidentified hydrocarbons in smoke and oxides of carbon and nitrogen.

Extinguishing Media: Use water fog. Foam, carbon dioxide, or dry chemical extinguishers. Keep containers cool, by applying a water stream.

Fire Fighting Instructions: Combustible liquid! Evacuate area and fight fire from a safe distance or a protected location. Approach fire from upwind to avoid hazardous vapours and toxic decomposition products. Do not enter confined fire space without proper personal protection. Use approved positive pressure self-contained breathing apparatus. If possible, isolate materials not yet involved in the fire, and move containers from fire area if this can be done without risk, and protect personnel. Otherwise, fire-exposed containers or tanks should be cooled by application of hose streams and this should begin as soon as possible and should concentrate on any unwetted portions of the container.

6. Accidental Release Measures

Personal Protection: See Section 8 for proper protective equipment to be worn while cleaning an accidental spill.

Environmental Precautions: Prevent product from entering sewers, natural waterways.

Cleanup Procedures: Restrict access to area until completion of cleanup. Absorb onto sand or other inert absorbent media and shovel into approved closable waste containers for disposal.

7. Handling and Storage

Handling Procedures: Combustible Liquid. Store away from ignition sources. Before handling, it is imperative that the personal equipment requirements and personal hygiene measures be followed. Inspect containers for damage or leaks before handling. Keep container tightly closed when not in use. Wash face and hands thoroughly after handling, and before eating, drinking, or using tobacco products.

Storage: Store in cool, dry, well ventilated area.

8. Exposure Controls, Personal Protection

Engineering Controls: If used indoors, ensure adequate ventilation by using local exhaust. Prevent handling methods that will increase airborne mists. Ensure that product is stored away from heat and sources of ignition.

Respiratory Protection: None required for recommended use procedures. If ventilation is poor, use OSHA approved chemical respirator.

Skin Protection: Use protective gloves, coveralls, aprons, overshoes.

Eye and Face Protection: For spray applications, use of chemical splash-proof goggles is recommended. None required for brush or roller application.

Footwear: As required by workplace.

Other: Eye wash station should be located near work area.

9. Physical and Chemical Properties

Appearance:	Clear liquid	Boiling Point:	178 °C
Odour:	Citrus	Critical Temperature:	Not applicable.
Odour Threshold:	No data	Relative Density:	1.05 (water = 1)
pH:	7.5	Partition Coefficient:	No data
Vapour Pressure:	0.2 mm Hg	Evaporation Rate:	Slower than ether
Solubility:	Soluble in water.		
Vapour Density:	3.5 (air=1)		
Freezing Point	0 °C		

10. Stability and Reactivity

Chemical Stability and Reactivity: Product is stable.

Incompatibility: Avoid contact with oxidizers, strong acids and bases

Hazardous Decomposition Products: Various unidentified hydrocarbons in smoke, iodine vapours.

Hazardous Polymerization: May occur.

11. Toxicological Information

Acute Exposure: Mild skin irritant, severe eye irritant. Theoretical LD₅₀ (rat/oral) for product exceeds 10 g/kg.

Chronic Exposure:	See Section 3.
Exposure Limits:	See Section 2.
Irritancy:	See Section 3.
Sensitization:	No
Carcinogenicity:	Ingredients not listed by IARC, NTP, OSHA, and ACGIH
Teratogenicity:	Information not available
Reproductive toxicity:	Information not available
Mutagenicity:	Information not available
Synergistic products:	None known.

12. Ecological Information

Environmental toxicity: No data available.

Biodegradability: No data available.

13. Disposal Considerations

Canadian Environmental Protection Act: All ingredients are listed on the DSL. Dispose according to all local, provincial and federal requirements.

14. Transport Information

Canadian Transportation of Dangerous Goods Regulations: Not regulated

International Air Transport Association (IATA): Not regulated

International Maritime Organization (IMO): Not regulated

15. Regulatory Information

Canadian Federal Regulations:

Canadian Environmental Protection Act: All ingredients are on the Domestic Substances List.

WHMIS Classification: B3, D2B

16. Other Information

Original Preparation Date: September 10, 2002

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Disclaimer: This Material Safety Data Sheet was prepared in accordance with criteria and requirements of the Hazardous Products Act and the Controlled Products Regulations using information provided by the manufacturer and other sources including CCINFO (Chemical Information published by the Canadian Centre for Occupational Health and Safety). The information in the Material Safety Data Sheet is offered for your consideration and guidance when exposed to this product. CBR Products expressly disclaims all expressed or implied warranties and assumes no responsibilities for the accuracy or completeness of the data contained herein. The data in this MSDS does not apply to use with any other product or in any other process.

This Material Safety Data Sheet may not be changed, or altered in any way without the expressed knowledge and permission of CBR Products.

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