

# MATERIAL SAFETY DATA SHEET

**BIRCHWOOD CASEY®**  
**LEAD REMOVER CLOTHS**  
(Solution used to impregnate LEAD REMOVER CLOTH)

Page 1 of 4  
DATE REVISED: 6/1/10  
REVISION MSDS NO. 4

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **LEAD REMOVER CLOTHS**

PRODUCT PART NUMBERS: 31001, LRC

MANUFACTURED BY: BIRCHWOOD LABORATORIES, INCORPORATED

7900 Fuller Road

Eden Prairie, MN 55344 USA

Product Information Telephone Number: (952) 937-7900 (8:00-4:00pm CST)

Fax Number: (952) 937-7979

[www.birchwoodcasey.com](http://www.birchwoodcasey.com)

**24 HOUR TRANSPORTATION EMERGENCY NUMBER: CHEMTREC 800-424-9300 U.S. & CANADA**

**703-527-3887 INTERNATIONAL (Collect)**

**24 HOUR POISON CONTROL EMERGENCY NUMBER: 866-291-7152 U.S. & CANADA**

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## 2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **CAUTION!** May be mildly irritating to eyes, upper respiratory tract.

APPEARANCE/ODOR: Yellow cloth, lemon odor

EYE CONTACT: Mild irritation upon direct contact.

SKIN CONTACT: No significant irritation expected from short-term exposure.

INGESTION: Low ingestion hazard.

INHALATION: Mild irritation of upper respiratory tract.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Description	CAS #	Weight %	OSHA PEL* TWA	OSHA PEL STEL/C	ACGIH TLV TWA	ACGIH TLV STEL/C
Aluminum Silicate	1332-58-7	50	NE	NE	NE	NE
Light Mineral Oil	8012-95-1	> 35	NE	NE	NE	NE
Lemon Oil with Yellow Dye	8008-56-8	4	NE	NE	NE	NE
Wax	8002-74-2	< 10	NE	NE	NE	NE
Ammonium Hydroxide	1336-21-6	1	NE	NE	NE	NE

**TWA** – Time-weighted Average **STEL** – Short-term exposure limit **C** – Ceiling

(skin) – skin designation means that harmful amounts may be absorbed through the skin

\* Certain States enforce PELs that were in place in 1989, but were later removed by the U.S. Supreme Court. Check with your State OSHA to determine which PEL is enforced in your State.

**NE** = not established **NA** = not applicable **NDA** = no data available

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## 4. FIRST AID MEASURES

EYE CONTACT: Flush immediately with clean water. Continue for at least 15 minutes. Seek medical attention if necessary.

SKIN CONTACT: Wash affected areas with water. Seek medical attention if irritation develops.

INGESTION: Call Poison Control Center.

INHALATION: Remove from exposure. Seek medical attention if necessary if breathing is difficult.

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**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES**

FLASHPOINT: NDA

METHOD USED: NA

FLAMMABLE LIMITS: LFL: NA

UFL: NA

EXTINGUISHING MEDIA: Use media as appropriate for surrounding fire.

FIRE & EXPLOSION HAZARDS: NDA

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear approved SCBA and full turn-out gear.

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**6. ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Pick up and re-bag if plastic containers are damaged.

Review current local, state and federal laws, codes, statutes, and regulations to determine appropriate agencies to be notified, and the conditions under which they are to be notified. (See Section 13 for waste disposal comments).

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**7. HANDLING AND STORAGE**

HANDLING: Avoid direct eye contact. Keep out of the reach of children.

STORAGE: Store away from ignition sources.

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**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

RESPIRATORY PROTECTION: No respiratory protection should be needed.

EYE PROTECTION: None normally required.

PROTECTIVE GLOVES / BODY PROTECTION: No skin protection should be needed.

VENTILATION: Use in a well-ventilated area.

OTHER PROTECTIVE EQUIPMENT: Eyewash

NOTE: All PPE should be selected on the basis of an exposure assessment performed by a competent person.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: NA

VAPOR PRESSURE: NA

VAPOR DENSITY: (Air = 1): NA

SOLUBILITY IN WATER: NA

APPEARANCE: Yellow cloth

SPECIFIC GRAVITY: (Water = 1): NA

VOLATILE BY VOLUME: NA

EVAPORATION RATE: (Ethyl Ether = 1): NA

pH: NA

ODOR: Lemon odor

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## **10. STABILITY AND REACTIVITY**

STABILITY: Stable.

CONDITIONS TO AVOID: Open flame.

INCOMPATIBILITY (materials to avoid): NDA

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide, carbon dioxide, nitrogen oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

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## **11. TOXICOLOGICAL INFORMATION**

There is no product based toxicological information for this product. Toxicology information is provided based on individual ingredients.

TARGET ORGANS: Eyes (mild irritant on direct contact).

Medical conditions that may be aggravated by exposure: NDA

Carcinogenicity: IARC: None    NTP: None    OSHA: None

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## **12. ECOLOGICAL INFORMATION**

ECOTOXICITY: NDA

ENVIRONMENTAL FATE: NDA

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## **13. DISPOSAL CONSIDERATIONS**

Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be dealt with by a licensed facility or waste hauler.

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## **14. TRANSPORT INFORMATION**

### **D.O.T. HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME:**

Consumer Commodity ORM-D (49CFR 172.101)

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## 15. REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCES CONTROL ACT): NA

CERCLA (Comprehensive Response compensation and Liability Act, 40 CFR 117, 302: Reportable Quantity - NDA

SARA TITLE III (Superfund Amendments and Authorization Act):

Section 311/312:

Immediate Health Effects: No

Delayed Health Effects: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity Hazard: No

Section 313 Reportable Ingredients: None

STATE "RIGHT-TO-KNOW": This product may contain components cited on certain state lists. Consult with your individual State regarding this product's components.

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## 16. OTHER INFORMATION

National Fire Protection Association (NFPA): Health: 1 Flammability: 0 Reactivity: 0

The data here is for hazard communication to our employees, our customers and their employees, and authorized regulatory agencies. For the intended purpose, this MSDS (Material Safety data Sheet) may be duplicated or the data transcribed to an alternative form.

**NOTE:** The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, Birchwood Laboratories, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular period. Accordingly, Birchwood Laboratories, Inc. will not be responsible for damages of any kind resulting from the use of or reliance upon such information. **NO REPRESENTATIONS, OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER TO WHICH THE INFORMATION REFERS.** The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment.

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### **FOR ASSISTANCE WITH PLACING ORDERS:**

- Product Pricing / Payment Terms
- Shipping and Tracing of Shipments
- Sales Rep Locations

Call our Sales Department (952) 937-7933

Or 1-800-328-6156 or Fax (952) 937-7979

### **FOR PRODUCT USAGE ASSISTANCE**

- Questions on Operation of Products
- Solving Finishing Problems
- Operator Safety and Pollution Control

Call our Customer Service Desk (952) 937-7916

Or 1-800-328-6156 or Fax (952) 937-7979