



# Material Safety Data Sheet

## Section 1 — Chemical Product And Company Identification

Manufacturer: LHB Industries      Emergency Telephone Number (800) 424-9300 (Chemtrec)  
8833 Fleischer Place      Information Telephone Number (314) 423-4333  
Berkeley, MO 63134      Date of Preparation May 9, 2008

Product ID: Back Off – Dog Repellent  
Specification: USPS-D-734B  
LHB Part Number: 00J4---000  
National Stock Number: 6840-01-357-0744  
CAGE Code: 0FTT5  
Contract Number: 266351-97-B-0337

## Section 2 — Composition / Information On Ingredients

CAS No.	Ingredient	Wt%	ACGIH TLV	OSHA PEL	Vapor Pressure (mm Hg 20°C)
8042-47-5	Mineral Oil	>95%	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	
Mixture	Capsicum	0.35%	ND	ND	

## Section 3 — Hazards Identification

ROUTES OF EXPOSURE: Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE: Topical irritation. Can cause severe irritation, redness, tearing, blurred vision, superficial keratitis and conjunctivitis to the eyes. Severe irritation to lungs and stomach are possible.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing respiratory, skin, and eye disorders.

## Section 4 — First Aid Measures

INHALATION: Remove to fresh air and seek medical attention immediately.

SKIN CONTACT: Immediately flush skin with plenty of soap and water while removing contaminated clothing and shoes. Call a physician if irritation persists. Wash clothing and shoes before reuse.

EYE CONTACT: Immediately flush eyes with plenty of cool water for at least 15 minutes. Seek medical attention.

INGESTION: Do not give any liquid to the person. If swallowed, do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person.

## Section 5 — Fire Fighting Measures

FLASH POINT Nonflammable (CSMA)      LEL ND      UEL ND

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemicals and Foam

SPECIAL EXPOSURE HAZARDS: Do not expose to temperatures over 120°F. Keep away from heat, sparks and flame. Containers may explode when exposed to extreme heat.

SPECIAL PROTECTIVE EQUIPMENT: Water may be used to keep fire-exposed containers cool. Fire fighters should wear full protective clothing, including self-contained breathing equipment.

NFPA RATING: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

HMS CLASSIFICATION: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

## Section 6 — Accidental Release Measures

PERSONAL PRECAUTIONARY MEASURES: Avoid inhalation. Use good ventilation. Read entire label before using and follow all label directions.

ENVIRONMENTAL PRECAUTIONARY PROCEDURE FOR CLEANING/ABSORPTION: Wipe, scrape or soak up contents in an inert material. Pick up spill for recovery or disposal and place in a closed container. Dispose of in accordance with applicable Federal, State & Local regulations. Wash area with a strong biodegradable soap solution.

## Section 7 — Handling and Storage

HANDLING: Keep out of reach of children. Keep away from heat, sparks, and open flame. Contents under pressure. Do not puncture, incinerate, or expose to temperatures above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally.

STORAGE: CATEGORY – NFPA 30B Level 1 Aerosol

Do not store where temperatures may exceed 120°F (48.9°C).

## Section 8 — Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Local Exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

RESPIRATORY PROTECTION: If personal exposure cannot be controlled to below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

GLOVES: Wear solvent resistant rubber

SKIN PROTECTION: Not normally necessary. Wash promptly when skin becomes contaminated.

EYES: Safety glasses with side shields or chemical goggles.

OTHER PERSONAL PROTECTION DATA: Avoid contact with skin and eyes. Wash hands after using.



# Material Safety Data Sheet

## Section 9 — Physical and Chemical Properties

PHYSICAL STATE:	Liquid
COLOR:	Clear and reddish brown
ODOR:	Pungent
SPECIFIC GRAVITY:	0.830
DENSITY:	6.92 lbs/gal
pH:	N/A
VAPOR DENSITY (AIR=1)	>1
EVAPORATION RATE:	Nonvolatile
SOLUBILITY IN WATER:	Insoluble

## Section 10 — Stability and Reactivity

CHEMICAL STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	Do not expose to heat or store at temperatures above 120°F
MATERIAL TO AVOID:	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Pungent fumes if exposed to extreme heat.

## Section 11 — Toxicological Information

TOXICOLOGY DATA (listed if available)

## Section 12 — Ecological Information

ECOLOGICAL INFORMATION: No data available

## Section 13 — Disposal Considerations

DISPOSAL OF WASTE METHOD: Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

## Section 14 — Transport Information

**U.S. DOT 49 CFR 172.101 Hazardous Material Table**  
DOT SHIPPING NAME: Consumer Commodity  
HAZARD CLASS: ORM-D

## Section 15 — Regulatory Information

U.S. REGULATORY RULES	
SARA SECTION 302	None
SARA 313 CHEMICALS	None
CALIFORNIA PROPOSITION 65	None
RCRA STATUS	This material is not classified as a hazardous waste.
TSCA CERTIFICATION	All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

VOC CONTENT 0.0% by wt.

HAZARDOUS AIR POLLUTANTS (Clean Air Act, Section 112(b))  
HAPS (lbs/gal) 0.0 lbs/gal

## Section 16 — Other Information

REVISION NUMBER: 06

ADDITIONAL INFORMATION: This MSDS has been prepared in accordance with FED-STD-313D and meets the requirements of 29 CFR 1910.1200.

IMPORTANT NOTE: This information is furnished without warranty, expressed or implied, as to accuracy or completeness. The information is obtained from various sources including the manufacturer and other third party sources. The information may not be valid under all conditions nor if this material is used in combination with other materials or any process. Final determination of suitability of any material is the sole responsibility of the user.

Prepared by: Mark Epstein, R&D Manager

\*\*\* END OF MSDS\*\*\*