



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**  
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**FOR CHEMICAL EMERGENCY**  
Call ChemTrec day/night:  
**1-800-424-9300**

## PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** RED LION ANT/ROACH SPRAY  
**PART NUMBER:** 74163  
**PRODUCT TYPE:** PESTICIDE  
**CHEM. FAMILY:** PETROLEUM, PYRETHRIN, PIPERONYL BUTOXIDE, ISOBUTANE/PROPANE BLEND

**DATE PREPARED:** February 9, 2009  
**CHROMATE INDUSTRIAL CORPORATION**  
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**DOT Hazard Classification:** ORM-D  
**NOTICE:** JUDGEMENT BASED ON INDIRECT TEST DATA

## SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

**NFPA RATING:** Health: 1 Flammability: 2 Reactivity: 0 Special: -  
**HMS RATING:** Health: 1 Flammability: 2 Reactivity: 0 Personal Protection: B

COMPONENTS- CHEMICAL NAMES/COMMON NAMES <small>(Hazardous Components 1% or greater; Carcinogens 0.1% or greater)</small>	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN Ref. Source **
PETROLEUM DISTILLATE	64742-47-8	No	N/E	N/E	d
PYRETHRIN	8003-34-7	No	N/E	N/E	d
PIPERONYL BUTOXIDE	51-03-6	Yes	N/E	N/E	d
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
PERMETHRIN	52645-53-1	Yes	N/E	N/E	d

## SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

**Boiling Point:** N/A  
**Specific Gravity (H<sub>2</sub>O=1):** Concentrate Only = 0.97  
**Vapor Pressure: PSIG @ 70°F (Aerosols):** Max. 60  
**Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):** N/A  
**Vapor Density (Air = 1):** N/E  
**Evaporation Rate (= 1):** N/E  
**Solubility in Water:** Moderate  
**Water Reactive:** No  
**Appearance and Odor:** Fine mist with bland fragrance.

## SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY as per USA/CPSC FLAME PROJECTION TEST (aerosols):** NOT-FLAMMABLE

**Auto-Ignition Temperature:** N/E

**Flammability Limits in Air by % in Volume:** % LEL: N/E  
% UEL: N/E

**FLASH POINT AND METHOD USED (non-aerosols):** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus (SCUBA).

**EXTINGUISHER MEDIA:** Foam, dry chemical, carbon dioxide, water spray.

**Unusual Fire & Explosion Hazards:** Do not expose aerosols to temperatures above 130°F or the container may rupture.

**SECTION 4 – REACTIVITY HAZARD DATA**

**STABILITY:** STABLE

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**Incompatibility (Materials to Avoid):** Strong oxidizers. Conditions to Avoid: Open flame, welding arcs, heat, sparks.

**Hazardous Decomposition Products:** CO, CO<sub>2</sub>.

**SECTION 5 – HEALTH HAZARD DATA**

**PRIMARY ROUTES OF ENTRY:** INHALATION

**ACUTE EFFECTS**

**Inhalation:** Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects, nausea.

**Eye Contact:** Irritation.

**Skin Contact:** Mild irritation.

**Ingestion:** Possible chemical pneumonitis if aspirated into lungs. Nausea, dizziness, loss of muscle coordination.

**CHRONIC EFFECTS:** High concentration of vapors may cause eye and respiratory tract irritation, dizziness, headaches, drowsiness and central nervous system effects.

**Medical Conditions Generally Aggravated by Exposure:** May aggravate existing eye, skin, or upper respiratory conditions.

**EMERGENCY FIRST AID PROCEDURES**

**Eye Contact:** Flush with large amounts of water for at least 15 minutes. If irritated, seek medical attention.

**Skin Contact:** Wash with soap and water. Remove grossly contaminated clothing and launder before re-wearing. If irritated, seek medical attention.

**Inhalation:** Remove to fresh air. Resuscitate if necessary. Get medical attention.

**Ingestion:** *DO NOT INDUCE VOMITING. ASPIRATION HAZARD!* Get immediate medical attention.

**SECTION 6 – CONTROL AND PROTECTIVE MEASURES**

**Respiratory Protection (specify type):** If vapor concentration exceeds TLV, use respirator approved by NIOSH/MSHA for organic vapor.

**Protective Gloves:** Chemical resistant gloves if skin easily irritated.

**Eye Protection:** Safety glasses recommended.

**Ventilation Requirements:** Adequate ventilation to keep vapor concentration below TLV.

**Other Protective Clothing & Equipment:** None

**Hygienic Work Practices:** Wash with soap and water before handling food. Remove contaminated clothing.

**SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps To Be Taken If Material Is Spilled Or Released:** Absorb spilled liquid with suitable medium. Incinerate or landfill according to local, state or federal regulations. *DO NOT FLUSH TO SEWER.*

**Waste Disposal Methods:** Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

**Precautions To Be Taken In Handling & Storage:** Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

**Other Precautions &/or Special Hazards:** *KEEP OUT OF REACH OF CHILDREN.* Avoid food contamination. Avoid inhalation of spray mist. Avoid water contamination.

**OTHER INFORMATION**

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only