



# Material Safety Data Sheet

Revision Date 15-Mar-2011

## 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

**Product code** 89730  
**Product name** Ant & Roach Killer  
**EPA Registration No.** 11694-101-39798  
**Recommended Use** Pest Control

**Supplier** Lawson Products, Inc.  
1666 East Touhy Avenue  
Des Plaines, IL 60018  
(847)-827-9666

**Emergency telephone number** (888) 426-4851

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

Flammable. May be harmful if swallowed. Irritant.

### Aggravated Medical Conditions

Pre-existing skin sensitivity.

### Principal Routes of Exposure

Inhalation. Ingestion.

### Potential health effects

**Eyes** Redness. Irritation.

**Skin** Redness. Skin Irritation.

**Inhalation** Drowsiness . Nausea. Loss of coordination. Fatigue. Possible unconsciousness. May cause irritation of the nose and throat. May cause irritation of respiratory tract.

**Ingestion** Gastrointestinal irritation.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Isobutane	75-28-5	10-30
Propane	74-98-6	5-10
C10-13 Isoparaffin	68551-17-7	7-13

## 4. FIRST AID MEASURES

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention immediately.

**Skin contact** Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If skin irritation persists, call a physician.

**Ingestion** Call a physician or Poison Control Center immediately. Do not induce vomiting.

**Inhalation** Move to fresh air. Administer artificial respiration if not breathing. If symptoms persist, call a physician.

## 5. FIRE FIGHTING MEASURES

**Flash point °C** > 100  
**Flash point °F** > 212  
**Method** No information available

**Autoignition temperature °C** No data available  
**Autoignition temperature °F** No data available

### Flammability Limits (% in Air)

**Upper** No data available  
**Lower** No data available

### Specific Information for Aerosol Products

**Flame extension** None  
**Flashback** None

### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam. Water fog. Water spray.

### Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

### Special Fire-Fighting Procedures

Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. Do not release run-off from fire control methods to sewers or waterways .

### Fire and Explosion Hazards

Aerosol containers may vent, rupture or burst when heated to temperatures above 120°F. Product may float on surface and ignite .

### Sensitivity to shock

No information available.

**Sensitivity to static discharge**

No information available.

**6. ACCIDENTAL RELEASE MEASURES****Methods for cleaning up**

Evacuate area of unprotected and unnecessary personnel. Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Eliminate all sources of ignition. Place in a well ventilated area and allow to cure. Dike or dam large spills. Soak up excess with absorbent material. Pick up and transfer to properly labelled containers. Use caution as spill may create a slip hazard.

**7. HANDLING AND STORAGE****Handling**

Avoid contact with skin, eyes and clothing. Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities. Do not smoke while using. Direct spray away from face. Ensure adequate ventilation. Avoid breathing vapors or mists. Do not puncture or incinerate. Do not reuse containers. Heat, flames and sparks. Keep out of reach of pets and domestic animals. Do not allow children or pets to contact treated areas until surfaces are dry. Do not cut, drill, grind, or weld near containers.

**Storage**

Follow all label directions. Keep away from direct sunlight. Keep tightly closed in a dry and cool place. Keep out of the reach of children. Do not freeze. Store in temperatures below 120 degrees F.

**NFPA Storage Code**

Store as Level 1 Aerosol (NFPA 30B)

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Isobutane	-	-	1000 ppm	-
C10-13 Isoparaffin	-	-	-	-
Propane	1000 ppm 1800 mg/m <sup>3</sup>	-	1000 ppm	-

**Ventilation and Environmental Controls**

Normal ventilation is adequate. Mechanical: recommended.

**Hygiene measures**

Wash hands before eating or using the washroom. Remove and wash contaminated clothing before re-use.

**Respiratory protection**

None necessary under normal conditions. If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended.

**Hand Protection**

Gloves are not required in normal use. The following glove(s) are recommended to prevent prolonged or repeated contact: Impervious gloves.

**Eye protection**

Goggles. Safety glasses.

**Skin and body protection**

None necessary under normal conditions

**Other Protective Equipment**

Wear appropriate clothing to minimize skin contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form</b>	Aerosol
<b>Color</b>	White Opaque
<b>Odor</b>	Characteristic
<b>Odor Threshold</b>	No information available
<b>pH</b>	7.33
<b>Specific Gravity</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor density</b>	> 1 (Air=1)
<b>Evaporation Rate</b>	No data available
<b>Water solubility</b>	No data available
<b>Partition Coefficient (n-octanol/water)</b>	No data available
<b>Boiling point/range °C</b>	100
<b>Boiling point/range °F</b>	212
<b>Melting point/range °C</b>	No data available
<b>Melting point/range °F</b>	No data available
<b>Flash point °C</b>	> 100
<b>Flash point °F</b>	> 212

**10. STABILITY AND REACTIVITY****Stability**

Stable.

**Conditions to avoid**

Avoid extreme heat. Direct sunlight. Avoid sources of ignition. Do not allow to freeze.

**Incompatibility**

Strong oxidizing agents. Reducing agents. Strong mineral acids. Oxygen. Chlorine. Permanganates.

**Hazardous Decomposition Products**

Carbon dioxide. Carbon monoxide. smoke. Soot. Various organic oxidation by-products.

Product code **89730**Product name **Ant & Roach  
Killer****Polymerization**

Will not occur.

**11. TOXICOLOGICAL INFORMATION****Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Isobutane 75-28-5	-	-	658 mg/L
C10-13 Isoparaffin 68551-17-7	-	-	-
Propane 74-98-6	-	-	658 mg/L

**Synergistic Products** None known**Potential health effects****Sensitization** None known**Chronic toxicity** None known**Mutagenic effects** None known**Teratogenic effects** None known**Reproductive toxicity** None known**Target Organ Effects** See Section 2**Carcinogenic effects** See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Isobutane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
C10-13 Isoparaffin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

**12. ECOLOGICAL INFORMATION****Aquatic toxicity** Very toxic to fish and other water organisms**13. DISPOSAL CONSIDERATIONS****Disposal Information**

Carefully follow label instructions for disposal. Dispose in accordance with federal, state, and local regulations.

**Waste from residues / unused products**

Do not puncture or incinerate. Wrap container and place in trash collection. Discard empty container and offer for recycling or reuse.

**14. TRANSPORTATION INFORMATION****DOT**

Consumer commodity, ORM-D

**TDG**

Not Regulated

**15. REGULATORY INFORMATION****US EPA SARA 313****State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Isobutane	Listed	Listed	Not Listed
C10-13 Isoparaffin	Not Listed	Not Listed	Not Listed
Propane	Listed	Listed	Not Listed

**International Inventories**

Chemical Name	EINECS	DSL	NDSL	TSCA
Isobutane	X	X	-	X
C10-13 Isoparaffin	X	X	-	X
Propane	X	X	-	X

**CPR**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

**16. OTHER INFORMATION****Health** - 1  
**Flammability** - 1  
**Reactivity** - 0**Health** - 1  
**Flammability** - 1  
**Physical Hazard** - 0**Prepared By**

H. Buck, Regulatory Affairs Manager

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.