

Material Safety Data Sheet

WHMIS	Protective Clothing	TDG Road/Rail
		

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product name: House and Garden Insect Killer (71792) **Effective Date:** 1/1/2015 **Code No.:** 628

Product use: Insecticide

WHMIS: Not controlled under WHMIS (Canada).
This product is regulated by the Pest Control Products Act, Agriculture Canada

TDG: CONSUMER COMMODITY.
Not applicable.

Manufacturer: Lawrason's Inc.
460 Wyecroft Road
Oakville, ON, L6K 2G7
Tel: (905) 842-8300
Fax: (905) 842-8906

Supplier:

EMERGENCY PHONE : CANUTEC (613) 996-6666

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Wt%	ACGIH-TLV	LC ₅₀ /LD ₅₀
1) Refined Petroleum Solvent	Not available	1-5	Not available.	ORAL (LD50): Acute: 5000 mg/kg [Rat]. 200 mg/kg [Rabbit].
2) Low odour mineral spirits.	64742-47-8	5-10	Not available.	Not available.
3) Liquefied petroleum gas	68476-85-7	10-30	Not available.	Not available.

SECTION III - PHYSICAL DATA

Boiling point:	100°C (212°F)	Specific Gravity:	0.96 (Water = 1)
Vapour Pressure:	16.6 mm of Hg (@ 20°C)	Vapor Density:	0.77 (Air = 1)
Solubility in Water:	Emulsifiable in water	Percent Volatile:	99.8% (w/w).
Physical State:	Liquid.	Evaporation Rate:	Not available.
Appearance and Odour:	Light straw. Pesticide.	pH (as supplied):	Not applicable.
		Viscosity:	The highest known value is 1.57 cP (Low odour mineral spirits.)

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Non-flammable. Aerosol

Flash Points: The lowest known value is CLOSED CUP: 23.1 OPEN CUP: 42°C (32°F) (Cleveland) (Low odour mineral spirits.)

Flammable Limits: The greatest known range is LOWER: 0.6% UPPER: 7% (Low odour mineral spirits.)

Hazardous Combustion Products: These products are carbon oxides (CO, CO2).

Means of Extinction: Flammable liquid, insoluble in water.
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.

Special Fire Hazards: Not available.

SECTION V - REACTIVITY DATA

Stability:	The product is stable.
Incompatibility:	Strong oxidizing agents, acids and alkalis. Slightly reactive to reactive with organic materials.
Hazardous Decomposition Products:	Not available.

SECTION VI - TOXICOLOGICAL PROPERTIES

Routes of Entry	Ingestion. Skin contact. Inhalation.
Acute Effects on Humans:	EYE CONTACT: May cause irritation, redness, tearing and itching. SKIN CONTACT: May cause moderate to severe irritation, defatting, drying and cracking of skin. Prolonged and repeated contact may lead to dermatitis. INHALATION: Excessive inhalation of vapours may cause nasal and respiratory irritation and Central Nervous System effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. INGESTION: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Severe over-exposure can result in death. Can be fatal if inhaled or ingested. This product may irritate eyes and skin upon contact.
Chronic Effects on Humans:	CARCINOGENIC EFFECTS The ingredients of this product have not been listed as carcinogens by the National Toxicology Program (NTP) MUTAGENIC EFFECTS No information available and no adverse effects are anticipated. TERATOGENIC EFFECTS No information available and no adverse effects are anticipated. Toxicity of the product to the reproductive system: No information available and no adverse effects are anticipated. Repeated or prolonged inhalation of vapors may lead to chronic respiratory irritation.
Synergistic Materials:	Not available.

SECTION VII - PREVENTIVE MEASURES

Gloves:	Gloves (impervious).
Eye Protection:	Splash goggles.
Respiratory Protection:	Vapor respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.
Other Protective Equipment:	Not applicable for aerosol containers.
Engineering Controls:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Leak and Spill Procedure:	Absorb with an inert material and place in an appropriate waste disposal container. Not applicable for aerosol containers.
Waste Disposal:	Recycle, if possible. Consult your local or regional authorities. Do not dispose in sewers. When container is empty, press button to release all pressure, then dispose of in garbage can.
Storage Requirements:	Keep in a cool, well-ventilated place. Do not puncture, incinerate, store the container at temperatures above 49°C (120°F) or in direct sunlight.

SECTION VIII - FIRST AID

Eye:	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. If irritation persists, seek medical attention.
Skin:	Wash contaminated skin with soap and water. If irritation persists, seek medical attention. Remove contaminated clothing and wash before reuse.
Inhalation:	Remove to fresh air. Oxygen may be administered if breathing is difficult. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.
Ingestion:	DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. NEVER give an unconscious person anything to ingest. Seek immediate medical attention.

SECTION IX - OTHER INFORMATION

References	Not available.
Additional remarks:	No additional remark.

Validated by Technical Manager, Lawrason's Inc on 1/1/2015.	Verified by Lawrason's Inc.
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