

MATERIAL SAFETY DATA SHEET

EPA Reg. No. 10807-428-1658

EPA Est. No. 10807-GA-1

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

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-2; Reactivity-0; Special-	HMIS Rating: Health-1; Flammability-2; Reactivity-0; Personal Protection-B
Manufactured For: Hillyard Industries, Inc. Address: 302 N. 4 th Street Address: St. Joseph, MO 64501	DOT Hazard Classification (post transition): LIMITED QUANTITY DOT Haz Classification(pretransition): Consumer Commodity ORM-D Identity (trade name as used on label): Quick & Clean Crawling Insect Killer II HIL0109454
Phone: (816)-233-1321 ext. 8285 or http://www.hillyard.com	MSDS Number: A00423 Revision- First Issue-a
EMERGENCY RESPONSE NUMBER: Chemtrec 1-800-424-9300	Review Date: 01/04/10 Last Issue Date: 12/11/08
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA	Replaced Original Date: 10/15/07 Prepared By: IB Information Calls: (770)422-2071

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
HYDROTREATED LIGHT PETROLEUM DISTILLATES	64742-47-8	No	5 mg/m3 (mist)	5 mg/m3 (mist)	d
ISOBUTANE / PROPANE BLEND	75-28-5	No	NE	NE	d
	74-98-6	No	1000	1000	d
Insecticide Actives:					
PYRETHRIN (less than 1% by weight)	8003-34-7	No	5 mg/m3 TWA	5 mg/m3 TWA	d
DELTAMETHRIN (less than 1% by weight)	52918-63-5	No	NE	NE	d

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H2O=1): Concentrate Only = 0.96
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 (water = 1): less than 1
Solubility in Water: Dispersible	Water Reactive: No
Appearance and Odor: White to off-white emulsion with bland odor. Dual spray valve: Sprays as pinpoint spray or coarse spray.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA/CPSC FLAME PROJECTION TEST (aerosols): no projection: NOT CATEGORIZED AS 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	EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide, water fog.	
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. Keep containers cool with a water stream.		
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [] UNSTABLE	HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizers, strong acids.	Conditions to Avoid: Open flame, welding arcs, heat, sparks.
Hazardous Decomposition Products: CO, CO2 and various hydrocarbons.	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [X] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS	
ACUTE EFFECTS	
Inhalation: Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects, nausea.	
Eye Contact: May cause temporary irritation.	Skin Contact: Can cause irritation. Prolonged or repeated skin contact may cause allergic reaction in some individuals.
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. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Contact poison control center or doctor for treatment advice.
Skin Contact: Remove contaminated clothing. Rinse with water for 15-20 minutes. Contact poison control center or doctor for treatment advice.
Inhalation: Remove to fresh air. Resuscitate if necessary. Contact poison control center or doctor for treatment advice.
Ingestion: Immediately contact poison control center or doctor for treatment advice. DO NOT INDUCE VOMITING unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved by NIOSH for organic vapor.	
Protective Gloves: Chemical resistant gloves recommended.	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, eating, drinking, chewing gum or using tobacco.	

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.

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

THIS MSDS IS CURRENT AS OF January 4, 2010. The DATE PREPARED section is the original date assembled and remains current until a change is necessary. This is tracked internally at the manufacturer by these date codes and therefore must remain as the originating date.