

MATERIAL SAFETY DATA SHEET

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-2; Flammability-2; Reactivity-0; Special-		HMIS Rating: Health-2; 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 FLYING INSECT KILLER II Part# HIL0103254				
Phone: (816)-233-1321 ext. 8285 or http://www.hillyard.com		MSDS Number: A00414		Revision- First Issue-a		
Emergency Response Number: Chemtrec 1-800-424-9300		Date Prepared: 10/12/07		Prepared By: IB		
NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA		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
N-OCTYL BICYCLOHEPTENE DICARBOXIMIDE		113-48-4	No	NE	NE	d
ISOBUTANE / PROPANE BLEND		75-28-5	No	NE	NE	d
		74-98-6	No	1000	1000	d
Other Insecticide Actives:						
PRALLETHRIN (less than 1% by weight)		23031-36-9	No	NE	NE	d
PIPERONYL BUTOXIDE (less than 1% by weight)		51-03-6	No	NE	NE	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
Boiling Point: N/A		Specific Gravity (H ₂ O=1): Concentrate Only = 0.99				
Vapor Pressure: PSIG @ 70°F (Aerosols): Max. 65		Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A				
Vapor Density (Air = 1): N/E		Evaporation Rate (= 1): N/E				
Solubility in Water: Dispersible		Water Reactive: No				
Appearance and Odor: Fine mist with bland odor.						
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 spray.				
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 or bases.		Conditions to Avoid: Open flame, welding arcs, heat, sparks.				
Hazardous Decomposition Products: CO, CO ₂ and nitrogen oxides.						
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 & 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 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.		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