

Section 1 - Product and Company Identification

Product Identifiers:

Product Name:	Hot Shot Bedbug Mattress & Luggage Treatment Kit
EPA Registration Number:	5481-9025-8845
Product Use:	Insecticide - Flying & Crawling Bug, Non-aerosol

Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier:	Spectrum Group Division of United Industries Corp. P.O. Box 142642 St. Louis, MO 63114-0642
For product information:	1-800-917-5431
For medical emergencies:	1-800-633-2873

Section 2 - Hazards Identification

Conforms to Hazard Communication Standard 29 CFR 1910.1200.

GHS Classification of Substance or Mixture:

Physical Hazards	Not classified as a physical hazard	
Health Hazards	Acute Toxicity, Oral	Category 4
	Acute Toxicity, Inhalation	Category 4
	Skin Irritation	Category 2
	Eye Irritation	Category 2B
	Skin Sensitization	Category 1
	Carcinogenicity	Category 2
Environmental Hazards	Hazardous to the aquatic environment, acute hazard	Category 1

GHS Label Elements:



Signal word:	WARNING
Hazard statements:	<ul style="list-style-type: none"> • Harmful if swallowed • Causes skin irritation • May cause an allergic skin reaction • Causes eye irritation • Harmful if inhaled • Suspected of causing cancer • Very toxic to aquatic life

Precautionary Statements:

- Wash thoroughly with soap and water after handling. Do not eat, drink or smoke when using product. If swallowed: Call a poison control center or doctor for treatment advice if you feel unwell. Rinse mouth.
- Avoid breathing vapors. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.

- Wash thoroughly with soap and water after handling. Wear protective gloves. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Avoid release into the environment.

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS#	Weight Percent
Dichlorvos	62-73-7	18.6%

Note: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

Section 4 - First Aid Measures

Eye contact:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
Skin contact:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Inhalation:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
Ingestion:	Call a poison control center or doctor immediately for treatment advice. Have person sip water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Notes to physician:	Probable mucosal damage may contraindicate the use of gastric lavage.
General advice:	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

Section 5 - Fire Fighting Measures

Flammable properties:	Not flammable by OSHA criteria.
Suitable extinguishing media:	Water fog, foam, CO ₂ , dry chemical
Unsuitable extinguishing media:	Not available
Specific hazards arising from the chemical:	During fire, gases hazardous to health may be formed. Hydrogen chloride, carbon oxides and unidentified organic compounds may be formed when it is heated excessively

or burned. Container may melt and leak in heat of fire. Do not allow run-off from firefighting to enter drains or water courses.

- Protective equipment for firefighters:** Firefighters should wear full protective clothing including self-contained breathing apparatus.
- Hazardous combustion products:** None known
- Sensitivity to mechanical impact:** None known
- Explosion data:** Not available
- Sensitivity to static discharge:** Not available
- Personal precautions:** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Section 6 - Accidental Release Measures

- Personal precautions:** Remove all sources of ignition. Wear personal protective equipment. Wash thoroughly after handling.
- For emergency responders:** If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.
- Environmental precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for containment and cleaning up:** Stop leak if without risk. Move containers from spill area. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or absorbent material swept up and placed in suitable, covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

Section 7 - Handling and Storage

- Precautions for safe handling:** Put on appropriate personal protective equipment (see Section 8). Do not use near heat, open flame or any other ignition source. Avoid contact with skin, eyes and clothing. Use an appropriate respirator when adequate ventilation is not available. Avoid breathing vapors or spray mists of the product.
- Storage:** Store product in a cool, dry place, out of reach of children. Keep container closed when not in use. Keep away from food, drink and animal feeding stuffs. Keep tightly closed. Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

Section 8 - Exposure Controls / Personal Protection

Exposure guidelines:

Components with Occupational Exposure Limits

		Exposure Limits					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Dichlorvos	TWA	0.1	0.9	Not listed		Not listed	

Engineering controls: General ventilation normally adequate.

Personal protective equipment:

Eye/Face protection: None required

Skin and body protection: Wash hands after handling.

Respiratory protection: Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

Section 9 - Physical & Chemical Properties

Appearance: Plastic strip in a sealed plastic cage

Color: Yellow

Physical state: Solid

Odor: Odorless

Odor threshold: No data available

pH: N/A

Melting point: N/A

Freezing point: N/A

Boiling point: N/A

Flash point: N/A

Evaporation rate: 10 to 100 mg active ingredient per day

Flammability limits in air, lower, % by volume: No data available

Flammability limits in air, upper, % by volume: No data available

Vapor pressure: No data available

Vapor density: No data available

Relative density @ 20°C: N/A

Octanol/water coefficient: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Solubility: Insoluble in water

% Volatile organic compounds: 0

Section 10 - Chemical Stability & Reactivity Information

Reactivity

Conditions to avoid: Do not mix with other chemicals.
Incompatible materials: Avoid strong oxidizers.

Chemical stability

Product stability: Stable under recommended storage conditions.

Other

Hazardous decomposition products: None known
Possibility of hazardous reactions: Hazardous polymerization does not occur.

Section 11 - Toxicological Information

Primary eye irritation: Causes moderate eye irritation (EPA tox. category III)
Primary skin irritation: Causes skin irritation (EPA tox. category II)
Acute dermal: LD₅₀ > 5000 mg/kg (EPA tox. category IV)
Acute inhalation: LC₅₀ > 0.5 mg/L (EPA tox. category III)
Acute oral: LD₅₀ > 50 mg/kg (EPA tox. category II)
Sensitization: May cause allergic reaction after repeated contact.
Chronic effects: No data available
Carcinogenicity: Suspected of causing cancer
IARC Monographs. Overall Evaluation of Carcinogenicity
 DDVP (DICHLORVOS) (CAS 62-73-7) 2B Possible carcinogenic to humans
OSHA Specifically Regulated Substances (29CFR1910.1001-1050)
 Not listed.
US. National Toxicology Program (NTP) Report on Carcinogens
 Not available.
Mutagenicity: No data available
Reproductive effects: No data available
Teratogenicity: No data available
Ecotoxicity: No data available

Section 12 - Ecological Information

Environmental effects: No data available
Aquatic toxicity: Toxic to aquatic organisms.
Persistence / degradability: No data available
Bioaccumulation / accumulation: No data available
Partition coefficient: No data available
Mobility in environmental media: No data available
Chemical fate information: No data available

Section 13 - Disposal Considerations

Waste codes: Not available
Disposal instructions: Dispose in accordance with all applicable regulations.
Waste from residues/unused products: Not available

Contaminated packaging: Not available

Section 14 - Transportation Information

U.S. Department of Transportation (DOT): UN3077, Environmentally Hazardous Substance, Solid, (Dichlorvos), Limited Quantity, 9, III

IATA: UN3077, Environmentally Hazardous Substance, Solid, (Dichlorvos), Limited Quantity, 9, III

IMDG: UN3077, Environmentally Hazardous Substance, Solid, (Dichlorvos), Limited Quantity, 9, III

Section 15 - Regulatory Information

29 CFR 1910.1200 hazardous chemical Occupational Safety and Health Administration (OSHA): Yes

CERCLA (Superfund) reportable quantity: Not available

Hazard Categories

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate Hazard	Yes
Delayed Hazard	yes
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

Section 302 extremely hazardous substance:

<u>Chemical Name</u>	<u>CAS #</u>	<u>Reportable Qty.</u>	<u>Threshold Planning Qty.</u>
DDVP (DICHLORVOS)	62-73-7 10	10	1000lbs

Section 311 hazardous chemical:

<u>Chemical Name</u>	<u>CAS #</u>	<u>% by wt.</u>
DDVP (DICHLORVOS)	62-73-7 10	18.6

Clean Air Act (CAA): Not available

Clean Water Act (CWA): Not available

State regulations: None

FIFRA labeling: This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Signal word: WARNING

Precautionary statements: May be fatal if swallowed. Do not get in mouth. Harmful if inhaled. Causes moderate eye irritation. Avoid breathing vapors. Avoid contact with eyes or clothing. After prolonged storage, a small amount of liquid may form on strip. Do not get liquid in eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Do not use in hospitals or clinic rooms, such as patient rooms, wards, nurseries, operating or emergency rooms. Do not use in closets and wardrobes of rooms where infants, children and the sick or aged are

or will be present for any extended period of confinement. Do not use in kitchens, restaurants or areas where food is prepared or served. Do not use in any area where people will be present for extended periods of time. Not to be taken internally by humans or animals.

Notification status: All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Prop. 65: This product contains a chemical known to the state of California to cause cancer, birth defects or any other reproductive harm.

Disclaimer: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

SECTION 16 - OTHER INFORMATION

HMIS ratings:	Health Hazard 2 Flammability 1 Physical Hazard 0
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