

Conforms to Hazard Communication Standard 29 CFR 1910.1200

Section 1 - IDENTIFICATION

Product Identifier: Hot Shot Pest Control Concentrate₂

Other Means of Identification:

Product Code	HG-96376
Formula Number	21-1201
EPA Reg. Number	1021-2626-8845

Recommended Use: Insecticide - crawling bug, non-aerosol

Recommended Restrictions: Use in accordance with label directions

Manufacturer/Importer/Supplier/Distributor Information:

Company Name	Spectrum Group, Division of United Industries Corporation
Address	PO Box 142642, St. Louis, MO 63114-0642
Telephone Number	1-800-917-5461

Emergency Telephone Number:


CHEMTREC	(800)424-9300
Medical	(866)823-2749

Section 2 - HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture:

Physical Hazard(s)	Flammable Liquid - Category 4
Health Hazard(s)	Acute Oral Toxicant - Category 4 Acute Inhalation Toxicant - Category 4 Skin Irritant - Category 2 Eye Irritant - Category 2A Carcinogen - Category 1B Aspiration Toxicant - Category 1 Specific Target Organ Toxicity (Inhalation) - Category 3
Environmental Hazard	Acute Aquatic Toxicant - Category 1 Acute Chronic Toxicant - Category 1

Label Elements:

Hazard Pictogram(s)	
Signal Word	DANGER
Hazard Statements:	Combustible liquid Harmful if swallowed Harmful if inhaled Causes skin irritation Causes serious eye irritation May cause cancer May be fatal if swallowed and enters airways May cause respiratory irritation or may cause drowsiness or dizziness Very toxic to aquatic life Very toxic to aquatic life with long lasting effects

Precautionary Statements: Keep away from flames and hot surfaces. - No smoking.
Wash hands thoroughly after handling. Do not eat drink or smoke when using this product.
Avoid breathing dust, fume, gas, mist, vapors, and spray. Use only outdoors or in a well-ventilated area.
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, and eye protection.
In case of fire: Use CO₂, dry chemical, or foam to extinguish.
If swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting.
If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.
If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it 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 attention.
If exposed or concerned: Get medical advice/attention.
Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Dispose of contents in accordance with all local, state/provincial and federal regulations. For more information see product label.

Hazard(s) not Otherwise Classified (HNOC): No additional information available

Supplemental Information: None

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	%
Solvent naphtha, petroleum, heavy aromatic	n/a	64742-94-5	> 50-< 75
Cypermethrin	n/a	52315-07-8	26.0
Naphthalene	n/a	91-20-3	< 10.0
1-Butanol	n/a	71-36-3	< 2.0
1,2,4-trimethylbenzene	n/a	95-63-6	< 2.0

In accordance with paragraph (d) of 1910.1200, the exact percentage (concentration) has been withheld as a trade secret. Other components are below reportable levels.

Section 4 - FIRST-AID MEASURES

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Skin Contact: In case of contact, wash skin with plenty of water for 15 minutes. If skin irritation or redness develops, seek medical attention.

Eye Contact:	In case of contact, flush eyes with plenty of water for 15 minutes. Remove contact lenses, if worn. If irritation persists, get medical attention.
Ingestion:	If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give any liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.
Most Important Symptoms/Effects, Acute and Delayed:	Symptoms of exposure may include, irritation of eyes and nose, cough and/or shortness of breath.
Indication of Immediate Medical Attention & Special Treatment Needed:	If exposed or concerned: Get medical advice/attention.

Section 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Dry chemical, CO ₂ , water spray or regular foam. CAUTION: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective.
Unsuitable Extinguishing Media:	CAUTION: All these products have a very low flash point: Use of water spray when fighting fire may be inefficient.
Specific Hazards Arising from the Chemical:	Keep product and empty container away from heat and sources of ignition. Risk of ignition.
Special Protective Equipment and Precautions for Firefighters:	Keep upwind of fire. Inhalation or contact with material may irritate or burn skin and eyes. Fire may produce irritating, corrosive and/or toxic gases. Vapors may cause dizziness or suffocation. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.
In Case of Large Fire:	Water spray, fog or regular foam. Do not use straight streams. Move containers from fire area if you can do it without risk.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
Methods and Materials for Containment and Cleaning Up:	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor-suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean, non-sparking tools to collect absorbed material.
Environmental Precautions:	Report spills as required by local and national regulations. Prevent entry into storm sewers and waterways.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Avoid breathing mist. Avoid contact with skin and eyes. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Use with local exhaust ventilation. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

Conditions for Safe Storage, Including any Incompatibilities: Keep out of reach of children. Keep container tightly closed. Keep out of reach of children. Keep in a well ventilated place. Keep away from heat, sparks, flame and other sources of ignition (See section 10).

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	Exposure Limits					
	OSHA PEL		ACGIH TLV		Supplier OEL	
	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1-Butanol	TWA 100; (vacated) Ceiling 50	TWA 300; (vacated) Ceiling 150	TWA 20	-	NIOSH IDLH: IDLH 1400; Ceiling 50	NIOSH IDLH: Ceiling 150
1,2,4-trimethylbenzene	-	-	-	-	NIOSH IDLH TWA 25	NIOSH IDLH TWA 125
Naphthalene	TWA 10; (vacated) TWA 10; (vacated) STEL 15	TWA 50; (vacated) TWA 50; (vacated) STEL 75	TWA 10 S*	-	NIOSH IDLH: IDLH 250; TWA 10; STEL 15	NIOSH IDLH: TWA 50; STEL 75

Appropriate Engineering Controls: General ventilation should be adequate for all normal use.

Individual Protective Measures, Such as Personal Protective Equipment:

Eye/face protection: Wear eye protection. Avoid eye contact.

Skin and body protection: Wear protective gloves and protective clothing.

Respiratory protection: Use in a well-ventilated area.

General hygiene considerations: Do not eat, drink or smoke where material is handled, processed or stored. Wash hands after handling. Wash contaminated clothing before reuse.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Clear, amber brown liquid

Odor: Strong aromatic

Odor Threshold: No data available

pH: 4.4

Melting / Freezing Point: No data available

Initial boiling point and range: No data available

Flashpoint:	63°C
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.95-0.99
Solubility(ies):	Miscible
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10 - STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Heat. Incompatible materials.
Incompatible materials:	None known.
Hazardous decomposition products:	May include, and are not limited to oxides of carbon.

Section 11 - TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhalation, Ingestion and/or skin or eye contact

Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation:	Harmful if inhaled. May cause respiratory tract irritation, drowsiness or dizziness.
Ingestion:	Harmful if swallowed. May be fatal if swallowed and enters airway. May cause stomach distress, nausea or vomiting.
Skin contact:	Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Eye contact:	Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Acute Toxicity Values:

Calculated overall Chemical Acute Toxicity Values (ATE)		
LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
1100 mg/kg	>2000 mg/kg	2.30 mg/l

Eye Contact: This product is an eye irritant.

Skin Contact: This product is a skin irritant.
Sensitization: Based on available data, the classification criteria are not met.

**Chronic Effects-
Carcinogenicity:**

Ingredient	Chemical Listed as a Carcinogen or Potential Carcinogen (NTP, IARC, OSHA)
Naphthalene (91-20-3)	NTP - Reasonably Anticipated IARC - 2A

Reproductive Toxicity: Based on available data, the classification criteria are not met.
Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.
STOT-single exposure: May cause respiratory irritation or may cause drowsiness or dizziness
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: This product is an aspiration toxicant.

Comment: All information was generated using the GHS classification criteria for mixtures and test data where available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Per GHS, this product is classified as a category 1 aquatic acute toxicant and a category 1 aquatic chronic toxicant.
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Other adverse effects: No data available

Section 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all local, state, /provincial and federal regulations. For more information see product label.

Section 14 - TRANSPORTATION INFORMATION

DOT: UN Number: UN3082
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.
Technical Name: Cypermethrin
Hazard Class: 9
Packing Group: III
Limited Quantity: ≤5L
Marine Pollutant: Yes

IATA: UN Number: UN3082
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.
Technical Name: Cypermethrin
Hazard Class: 9

Packing Group: III
Limited Quantity: ≤5L
Marine Pollutant: Yes

IMDG: UN Number: UN3082
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.
Technical Name: Cypermethrin
Hazard Class: 9
Packing Group: III
Limited Quantity: ≤5L
Marine Pollutant: Yes

Section 15 - REGULATORY INFORMATION

US EPA Label Information:

EPA Pesticide Registration Number 1021-2626-8845

Federal Insecticide, Fungicide, Rodenticide Act Regulations

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

EPA Pesticide Label

WARNING: KEEP OUT OF REACH OF CHILDREN.

Hazards to Humans and Domestic Animals

WARNING: Causes substantial but temporary eye injury. Causes skin irritation. Do not get in eyes, on skin or on clothing. Wear goggles, face shield or safety glasses. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing spray mist.

FIRST AID: If in eyes: 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 eye. Call a poison control center or doctor for treatment advice. **If on skin or clothing:** 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. **If swallowed:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. **If inhaled:** 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. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-917-5431. **Note to physician:** Contains petroleum distillate. May pose an aspiration pneumonia hazard. Inducing vomiting as first aid for this substance may result in increased risk of pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Some materials that are chemical-resistant to this product are barrier laminate, or Viton. If you want more options, follow the instructions for category F or G on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear the following:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant footwear plus socks
- Goggles or face shield and
- Chemical-resistant gloves made of barrier laminate or Viton, section category G

Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS: This product is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS: Combustible. Do not use or store near heat or open flame. Flashpoint 140°F Min. Do not apply this diluted product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use on surfaces that can be harmed or stained by water.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Storage: Store product in original container and keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area. **Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance. **Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

EPA TSCA Inventory: All of the components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

CERCLA Section 103: Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center.

Chemical Name & CAS Number	Chemical RQ (lbs)	Concentration in Product	Product RQ (lbs)
1-Butanol 71-36-3	5,000	< 2.0%	250,000
Naphthalene 91-20-3	100	< 10%	1,000

SARA Hazard Category (311/312): See OSHA hazards listed in section 2.

SARA 313: Section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical Name & CAS #	Threshold Value %
1-Butanol 71-36-3	1.0
Naphthalene 91-20-3	0.1
1,2,4-trimethylbenzene 95-63-6	1.0

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

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