Section 1 - Product and Company Identification

Product Identifiers:

Product name: **Hot Shot Ant & Roach Plus Germ Killer$_2$**
EPA reg. number: 9688-317-8845
Recommended product use: Insecticide - Crawling Bug, Aerosol

Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier: Chemsico
Div. of United Industries Corp.
P.O. Box 142642
St. Louis, MO 63114

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: Flammable aerosol - Category 2

GHS Label Elements:

Hazard pictogram(s):

Signal word: WARNING

Hazard statements:
- Flammable aerosol
- Compressed gas – contents under pressure; may burst if heated
- May cause an allergic skin reaction

Precautionary Statements:
- Contents under pressure.
- Do not use or store near heat or open flame.
- Do not puncture or incinerate container.
- Exposure to temperatures above 130°F may cause bursting.
- Wash hands 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 was before reuse.

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS#	Weight Percent
Cypermethrin	52315-07-8	0.100%
Prallethrin	23031-36-9	0.025%
Alkyl dimethyl benzyl ammonium chlorides	85409-23-0	0.055%
Alkyl dimethyl ethylbenzyl ammonium chlorides	68391-01-5	0.055%
Petroleum distillates, hydrotreated light	64742-47-8	4.000%
1-butoxy-2-propanol	5131-66-8	6.000%

Isobutane	75-28-5	1.620%
Propane	74-98-6	2.880%

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

Section 4 - First Aid Measures

Eye contact: No special requirements

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: No special requirements

Ingestion: No special requirements

Note to physician: None

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: Pressurized aerosol container

NFPA classification: NFPA level 1 aerosol

Suitable extinguishing media: Water fog, foam, CO_2, dry chemical

Unsuitable extinguishing media: Not available

Specific hazards arising from the chemical: Contents under pressure – container may burst in heat of fire.

Protective equipment for firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.

Hazardous combustion products: 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.

Section 6 - Accidental Release Measures

Personnel precautions: Remove all sources of ignition. Wear personnel protective equipment as recommended in Section 8. 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 as recommended in Section 8. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C (122°F). Do not pierce or burn, even after use. Do not ingest. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous.

Storage: Store in a cool, dry area away from open flame. Do not store above 50°C (122°F).

Section 8 - Exposure Controls / Personal Protection

Exposure guidelines:

		Exposure Limits					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical name		**ppm**	**mg/m³**	**ppm**	**mg/m³**	**ppm**	**mg/m³**
Cypermethrin	TWA	Not listed		Not listed		Not listed	
Prallethrin	TWA	None		None		None	
Alkyl dimethyl benzyl ammonium chloride	TWA	None listed		None listed		None listed	
Alkyl dimethyl ethylbenzyl ammonium chloride	TWA	None listed		None listed		None listed	
Petroleum distillates, light	TWA	Not listed		------	200	Not listed	
1-butoxy-2-propanol	TWA	Not listed		Not listed		50	------
Isobutane	TWA	Not established		1000	------	Not established	
Propane	TWA	1000	1800	1000	------	Not established	

Engineering controls: General ventilation normally adequate.

Personal protective equipment:

Eye/Face: None required

Skin and body protection: Wash hands thoroughly after using product.

Respiratory protection: Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Do not use product indoors.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practices. When using, do not eat or drink. Wash

hands before breaks and immediately after handling the product.

Section 9 - Physical & Chemical Properties

Appearance:	Clear
Color:	Light yellow to water-white
Physical state:	Pressurized liquid
Odor:	Slight solvent and/or fragrance
Odor threshold:	No data available
pH:	7.4 (liquid portion)
Melting point:	No data available
Freezing point:	No data available
Boiling point:	No data available
Flash point:	109°F (liquid portion)
Flame Extension	0" (level 1 aerosol)
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:	0.977 (liquid portion)
Octanol/water coefficient:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Solubility:	Miscible in water
Evaporation rate:	No data available
% Volatile organic compounds:	14.5

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:	Non-irritating (EPA tox. category IV)
Primary skin irritation:	Non-irritating (EPA tox. category IV)
Acute dermal:	LD_{50} > 5000 mg/kg (EPA tox. category IV)
Acute inhalation:	LC_{50} > 2mg/L (EPA tox. cateogry IV)
Acute oral:	LD_{50} > 5000 mg/kg (EPA tox. category IV)
Sensitization:	May cause allergic reaction after repeated contact.
Chronic effects/ Carcinogenicity:	No data 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 of 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):	Aerosols, Flammable, 2.1, UN-1950, Limited Quantity
IATA:	UN-1950, Aerosols, 2.1
IMDG:	UN-1950, Aerosols, Flammable, 2, Limited Quantity

Section 15 - Regulatory Information

29 CFR 1910.1200 hazardous chemical Occupational Safety and Health Administration (OSHA):	No

CERCLA (Superfund) reportable quantity: Not available

Hazard categories

Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

Section 302 extremely hazardous Substance: No

Section 311 hazardous chemical: No

Clean Air Act (CAA): Not available

Clean Water Act (CWA): Not available

State regulations:

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: CAUTION

Precautionary statements: Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

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 does not contain any chemicals 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 0 Flammability 2 Physical Hazard 0

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