

# SDS

Zapper

SDS Number: W-A296H

Revision Date: 3/21/2023

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## PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
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Harahan, LA 70123

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**Product Identifier:** Zapper  
**SDS Number:** W-A296H  
**Product Code:** A296  
**Revision Date:** 3/21/2023  
**EPA Number:** 34370-1  
**Product Use:** Wasp and Hornet Spray

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

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## HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Aerosols, 1  
Physical, Gases Under Pressure, Compressed Gas  
Health, Aspiration hazard, 2  
Health, Skin corrosion/irritation, 3  
Health, Serious Eye Damage/Eye Irritation, 2 B  
Health, Specific target organ toxicity - Single exposure, 3  
Environmental, Hazards to the aquatic environment - Acute, 2

### GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



#### GHS Hazard Statements:

H222 - Extremely flammable aerosol  
H280 - Contains gas under pressure; may explode if heated  
H305 - May be harmful if swallowed and enters airways  
H316 - Causes mild skin irritation  
H320 - Causes eye irritation  
H335 - May cause respiratory irritation  
H401 - Toxic to aquatic life

#### GHS Precautionary Statements:

P103 - Read label before use.  
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

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P264 - Wash thoroughly after handling.  
 P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
 P403+235 - Store in a well ventilated place. Keep cool.  
 P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

**Route of Entry:** Skin absorption, inhalation  
**Target Organs:** NA  
**Inhalation:** High vapor/ aerosol concentrations (>1000ppm) are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous effects, including death. May cause peripheral nervous system disorder and/ or damage.  
**Skin Contact:** May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying of skin and skin burns.  
**Eye Contact:** May cause mild irritation. Symptoms include stinging, tearing and redness.  
**Ingestion:** Harmful or fatal if swallowed. Aspiration hazard- this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Ingredients:		
CAS#	%	Chemical Name:
7696-12-0	0.150%	Tetramethrin
52645-53-1	0.375%	Permethrin
51-03-6	0.750%	Piperonyl butoxide
64742-47-8	<97%	Distillates, petroleum, hydrotreated light
124-38-9	1-5%	Carbon dioxide

**4 FIRST AID MEASURES**

**Inhalation:** Remove to fresh air. Resuscitate if necessary. If breathing is difficult, give oxygen.  
**Skin Contact:** Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.  
**Eye Contact:** Flush with water for 15 minutes. If irritated, seek medical attention.  
**Ingestion:** Get immediate medical attention. Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. Do not leave individual unattended.

**5 FIRE FIGHTING MEASURES**

**Flammability:** Extremely Flammable  
**Flash Point:** 150 Deg. F.  
**Flash Point Method:** TCC  
 Extinguishing media: Powder. Alcohol resistant foam. Dry chemicals. Carbon dioxide (CO2).

Unusual Fire & Explosion Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Special Fire fighting procedures: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

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Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. In the event of fire and/or explosion do not breathe fumes.

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### ACCIDENTAL RELEASE MEASURES

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Stop leak if you can do so without risk. Move cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Disperse vapors with waterspray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

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### HANDLING AND STORAGE

#### Handling Precautions:

Extremely flammable. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Exposure to temperatures above 120 Deg. F. may cause bursting. All equipment used when handling the product must be grounded. Use non-sparking tools or explosion-proof equipment. Avoid breathing mist or vapor. Avoid contact with eyes. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children. Do not empty into drains.

User Safety Recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside and after handling this product. Wash the outside of gloves before removing. Then wash thoroughly and put on clean clothing. Users should wear long sleeved shirt and long pants, socks and shoes.

#### Storage Requirements:

Extremely flammable. Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120 Deg. F. may cause bursting. Do not puncture or incinerate container. Keep away from heat and sources of ignition. Avoid exposure to long periods of sunlight. Store in cool place. Store in a well-ventilated place. Keep out of reach of children. Keep away from food, drink and animal feeding stuffs.

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### EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Engineering Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

If exposure limits have not been established maintain airborne levels to an acceptable level.

#### Personal Protective Equipment:

Respiratory Protection: None required under normal use conditions.

Protective gloves: Chemical resistant

Eye protection: Safety glasses/ goggles

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hygienic work practices: Wash with soap and water before handling food.

User Safety Recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside and after handling this product. Wash the outside of gloves before removing. Then wash thoroughly and put on clean clothing. Users should wear long sleeved shirt and long pants, socks and shoes.

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### PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	Clear, colorless spray/ mist	<b>Odor:</b>	Insecticide
<b>Physical State:</b>	(Conc): Liquid	<b>Molecular Formula:</b>	NA
<b>Particle Size:</b>	NA	<b>Solubility:</b>	Negligible
<b>Spec Grav./Density:</b>	(H20=1): 0.80	<b>Softening Point:</b>	NA
<b>Viscosity:</b>	NA	<b>Percent Volatile:</b>	NA
<b>Saturated Vapor Concentration:</b>	NA	<b>Heat Value:</b>	NA
<b>Boiling Point:</b>	162 Deg. F.	<b>VOC:</b>	NA
<b>Flammability:</b>	Extremely Flammable		
<b>Vapor Pressure:</b>	NE		
<b>pH:</b>	NA		

<b>10</b>	<b>STABILITY AND REACTIVITY</b>
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<b>Chemical Stability:</b>	Stable and non-reactive under normal conditions of use, storage and transport.
<b>Conditions to Avoid:</b>	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
<b>Materials to Avoid:</b>	Strong oxidizers and acids
<b>Hazardous Decomposition:</b>	Carbon dioxide, carbon monoxide
<b>Hazardous Polymerization:</b>	Will not occur

<b>11</b>	<b>TOXICOLOGICAL INFORMATION</b>
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Data summary for the components are as follows:

Distillates, petroleum,hydrotreated light (64742-47-8)  
 Derma1 LD50 >2000 mg/kg, 24 h, (Rabbit)  
           LD50 >2000 mg/kg, 24 h (Rabbit)  
 Inhalation LC50 >6.4 mg/l, 6 h, (Cat)  
               LC50 >7.5 mg/l, 6 h, (Rat)  
               LC50 >4.3 mg/l, 4 h (Rat)  
               LC50 >0.1 mg/l, 8 h, (Rat)  
 ora1 LD50 >5000 mg/kg (Rat)

Carbon dioxide cas#:(124-38-9) [1-5%]

Information on toxicological effects

Acute toxicity:

Oral LD50 no data available

Inhalation LC50

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):  
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):  
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May cause severe frostbite. May be harmful if absorbed through skin. May cause skin

Eyes May cause eye irritation. Aggravated Acts as a simple asphyxiant by displacing air. , Medical Condition

Signs and Symptoms of Exposure: Nausea, Dizziness, Headache, Low to medium concentrations of carbon dioxide can:, affect regulation of blood circulation, affect the acidity of body fluids, respiratory difficulties, At high concentrations:, Breathing difficulties, Increased pulse rate, change in body acidity, Very high concentrations can cause:, Unconsciousness, death

Synergistic effects: no data available

Additional Information:

RTECS: FF6400000

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## ECOLOGICAL INFORMATION

This product is toxic to fish and aquatic invertebrates.

Carbon dioxide cas#:(124-38-9) [1-5%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

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**DISPOSAL CONSIDERATIONS**

Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

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**TRANSPORT INFORMATION**
**DOT**

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/21/20 and may be used now in place of the "Consumer Commodity ORM-D" marking on both and may be displayed concurrently.

**IATA**

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable
Environmental hazards	Yes
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed
Aircraft	
Cargo aircraft only	Allowed
Packaging exceptions	LTD QTY

**IMDG**

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-

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Label(s)	None
Packing group	Not applicable
Environmental hazards	
Marine pollutant	Yes
EmS	Not available.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions	LTD QTY
Transport in bulk according to AnnexII of MARPOL 73/78 and the IBC Code	Not applicable.

<b>15</b>	<b>REGULATORY INFORMATION</b>
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[%] RQ (CAS#) Substance - Reg Codes

[0.150%] Tetramethrin (7696-12-0) SARA313

[0.375%] Permethrin (52645-53-1) MASS, SARA313, TXAIR

[0.750%] Piperonyl butoxide (51-03-6) SARA313, TSCA

[<97%] Distillates, petroleum, hydrotreated light (64742-47-8) TSCA

[1-5%] Carbon dioxide (124-38-9) MASS, OSHAWAC, PA, TSCA, TXAIR

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

**Regulatory Code Legend**

- SARA313 = SARA 313 Title III Toxic Chemicals
- MASS = MA Massachusetts Hazardous Substances List
- TXAIR = TX Air Contaminants with Health Effects Screening Level
- TSCA = Toxic Substances Control Act
- OSHAWAC = OSHA Workplace Air Contaminants
- PA = PA Right-To-Know List of Hazardous Substances

This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

<b>16</b>	<b>OTHER INFORMATION</b>
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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined

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