

Zapper

MSDS Number: W-A296G

Revision Date: 10/9/2014

Page 1 of 8

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Distributed By: Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
Fax: 504-733-2218
Web: www.wechem.com

Product Name: Zapper
Revision Date: 10/9/2014
MSDS Number: W-A296G
Product Code: A296
EPA Number: 34370-1
Product Use: Wasp and Hornet Spray

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

2 HAZARDS IDENTIFICATION

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.

PERSONAL PROTECTION INDEX													
A		G											
B		H											
C		I											
D		J											
E		K											
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions										
A		n		o		p		q		r		s	
t		u		w		y		z		Additional Information			

Zapper

MSDS Number: W-A296G

Revision Date: 10/9/2014

Page 2 of 8

GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

- 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, 1

GHS Phrases:

- 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
- H400 - Very 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.
- 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

Zapper

MSDS Number: W-A296G

Revision Date: 10/9/2014

Page 3 of 8

3

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
7696-12-0	Tetramethrin	0.150%	15mg/m3	10mg/m3	D
52645-53-1	Permethrin	0.375%	10mg/m3	10mg/m3	D
51-03-6	Piperonyl butoxide	0.750%	NA	NA	D
64742-47-8	Distillates, petroleum, hydrotreated light	<97%	100ppm	100ppm	D
124-38-9	Carbon dioxide	1-5%	800ppm	800ppm	D

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.

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.

Zapper

MSDS Number: W-A296G

Revision Date: 10/9/2014

Page 4 of 8

6

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.

7

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.

Zapper

MSDS Number: W-A296G

Revision Date: 10/9/2014

Page 5 of 8

8

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 Equip:

HMIS PP, B | Goggles, Gloves
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.

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear, colorless spray/ mist

Physical State:

(Conc): Liquid

Particle Size:

NA

Spec Grav./Density:

(H2O=1): 0.80

Viscosity:

NA

Sat. Vap. Conc.:

NA

Boiling Point:

162 Deg. F.

Flammability:

Extremely Flammable

Vapor Pressure:

NE

pH:

NA

Odor:

Insecticide

Molecular Formula:

NA

Solubility:

Negligible

Softening Point:

NA

Percent Volatile:

NA

Heat Value:

NA

VOC:

NA

10

STABILITY AND REACTIVITY

Stability:

Stable and non-reactive under normal conditions of use, storage and transport.

Conditions to Avoid:

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Materials to Avoid:

Strong oxidizers and acids

Hazardous Decomposition:

Carbon dioxide, carbon monoxide

Hazardous Polymerization:

Will not occur

Zapper

MSDS Number: W-A296G

Revision Date: 10/9/2014

Page 6 of 8

11

TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Distillates, petroleum,hydrotreated light (64742-47-8)
Dermal 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)
Oral LD50 >5000 mg/kg (Rat)

12

ECOLOGICAL INFORMATION

This product is toxic to fish and aquatic invertebrates.

13

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.

Zapper

MSDS Number: W-A296G

Revision Date: 10/9/2014

Page 7 of 8

14

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 -
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 Not applicable.

Zapper

MSDS Number: W-A296G

Revision Date: 10/9/2014

Page 8 of 8

the IBC Code

15

REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

-
- *Tetramethrin (7696120 0.15%) SARA313
 - *Permethrin (52645531 0.375%) MASS, SARA313, TXAIR
 - *Piperonyl butoxide (51036 0.750%) SARA313, TSCA
 - *Distillates, petroleum, hydrotreated light (64742478 <97%) TSCA
 - *Carbon dioxide (124389 1-5%) MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

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

16

OTHER INFORMATION

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