

SAFETY DATA SHEET



Date Prepared : 05/05/2009
MSDS No : 1884
Date Revised : 06/22/2015
Revision No : 2

Zap IV

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Zap IV
GENERAL USE: Insecticide
PRODUCT CODE: 1884

MANUFACTURER

Detco Industries, Inc.
 PO Box 430
 Conway, AR 72033
Product Stewardship: (800) 282-2133

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (US Transportation) :(800) 424 - 9300

EPA REG. NO.: 3862-176-58111

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Aspiration Hazard, Category 1
 Acute Toxicity (Inhalation), Category 4
 Skin Irritation, Category 2
 Skin Sensitization, Category 1
 Eye Irritation, Category 2
 Target Organ Toxicity (Single exposure), Category 3

Physical:

Flammable Aerosols, Category 1
 Gases Under Pressure

GHS LABEL



Flame



Gas
cylinder



Exclamation
mark



Health
hazard

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H222: Extremely flammable aerosol.
 H280: Contains gas under pressure; may explode if heated.
 H304: May be fatal if swallowed and enters airways.
 H336: May cause drowsiness or dizziness.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H317: May cause an allergic skin reaction.
 H332: Harmful if inhaled.

PRECAUTIONARY STATEMENT(S)

Prevention:

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- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P271: Use only outdoors or in a well-ventilated area.
 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.
 P264: Wash hands thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P272: Contaminated work clothing should not be allowed out of the workplace.

Response:

- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331: Do NOT induce vomiting.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P332+P313: If skin irritation occurs: Get medical advice/attention.
 P362: Take off contaminated clothing and wash before reuse.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

- P410: Protect from sunlight.
 P412: Do not expose to temperatures exceeding 50°C/ 122°F.
 P403: Store in a well-ventilated place.
 P405: Store locked up.

Disposal:

- P501: Dispose of contents/container in accordance with federal, state and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
Distillates, Petroleum, Hydrotreated Light	35 - 55	64742-47-8
Carbon Dioxide	1 - 5	124-38-9
Piperonyl Butoxide	0.75	51-03-6
Permethrin	0.375	52645-53-1
Tetramethrin	0.15	7696-12-0

4. FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. If pain and/or irritation persists, get medical attention.

SKIN: Flush affected area with water for 15 minutes. Remove contaminated clothing. If pain and/or irritation persists, get medical attention. Launder clothes before reusing.

INGESTION: Do not induce vomiting. Give 2 glasses of water. Get immediate medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

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5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Fire exposed containers may rupture.

EXTINGUISHING MEDIA: Carbon dioxide, water, foam or dry chemical.

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Remove all sources of ignition. Contain spill. Absorb liquid and place in sealed container for disposal.

7. HANDLING AND STORAGE

STORAGE: Keep away from sources of ignition. Do not store at temperatures above 120F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles).

SKIN: Wear rubber or nitrile gloves.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

PROTECTIVE CLOTHING: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Aerosol-Pressurized Liquid/Gas

ODOR: Insecticide

COLOR: Colorless

pH: NA = Not Applicable

FLASHPOINT AND METHOD: (142°F) TAG CC

FLAMMABLE LIMITS: N/D to N/D

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined

BOILING POINT: Not Determined

FREEZING POINT: Not Determined

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not Determined

SPECIFIC GRAVITY: 0.8

Notes: Concentrate Only.

(VOC): 98.000 %

COEFF. OIL/WATER: Not Determined

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10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur.

STABILITY: Stable.

CONDITIONS TO AVOID: Temperatures above 120F, heat, flame and sources of ignition.

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

INCOMPATIBLE MATERIALS: Oxidizing agents, reducing agents, acids, bases.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
Distillates, Petroleum, Hydrotreated Light	> 5000 mg/kg	> 2000 mg/kg

CARCINOGENICITY

Notes: Not Available

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product is toxic to fish and aquatic invertibrates.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

PRIMARY HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: 1950

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: Yes **PRESSURE GENERATING:** Yes **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

313 REPORTABLE INGREDIENTS: None known.

16. OTHER INFORMATION

PREPARED BY: E. Spicer **Date Revised:** 06/22/2015

REVISION SUMMARY: This MSDS replaces the 02/09/2010 MSDS. Revised: **Section 1:** GENERAL USE, PREPARED BY. **Section 2:** POTENTIAL HEALTH EFFECTS (SKIN, INHALATION, INGESTION). **Section 3:**

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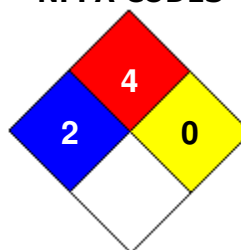
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Wt.%. **Section 9:** BOILING POINT, COEFF. OIL/WATER, EVAPORATION RATE, FLAMMABLE LIMITS, FLASHPOINT AND METHOD, FREEZING POINT, VAPOR DENSITY, VAPOR PRESSURE, (VOC). **Section 10:** CONDITIONS TO AVOID, POSSIBILITY OF HAZARDOUS REACTIONS. **Section 14:** DOT (DEPARTMENT OF TRANSPORTATION) (PRIMARY HAZARD CLASS/DIVISION, UN/NA NUMBER). **Section 15:** ACUTE, CHRONIC, FIRE, PRESSURE GENERATING, REACTIVITY, 313 REPORTABLE INGREDIENTS. **Section 16:** MANUFACTURER DISCLAIMER.

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY		4
PHYSICAL HAZARD		0
PERSONAL PROTECTION		G

NFPA CODES



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