

# SAFETY DATA SHEET



Date issued : 12/15/2025

SDS number : 1884

Date revised : 12/15/2025

Revision number : 1

## Zap IV

### 1. Identification

**Product code:** 1884

**Product identifier:** Zap IV

**Relevant identified uses:** Insecticide

#### Manufacturer / Supplier

Detco Industries, Inc.

PO Box 430

Conway, AR 72033

**Customer Service:** 800-282-2133

**E-Mail:** support@detco.com

**Web:** www.detco.com

**EPA reg. No.:** 3862-176-58111

#### Emergency telephone number (24 hour)

**Poison Control Center (Medical) :** (877) 800-5553

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

### 2. Hazard identification

#### Classification of the substance or mixture

##### Physical hazards:

Liquefied Gases

Flammable Aerosols, Category 1

Gases Under Pressure

##### Health hazards:

Target Organ Toxicity (Single exposure), Category 3

Aspiration Hazard, Category 1

Acute Toxicity (Inhalation), Category 4

Skin Irritation, Category 2

Skin Sensitization, Category 1

Eye Irritation, Category 1

#### Label elements



Flame



Gas cylinder



Exclamation mark



Health hazard

**Signal word:** DANGER

#### Hazard statement(s)

H222: Extremely flammable aerosol.

H280: Contains gas under pressure; may explode if heated.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H317: May cause an allergic skin reaction.

H336: May cause drowsiness or dizziness.

#### Precautionary statement(s)

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### **Prevention:**

- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P271: Use only outdoors or in a well-ventilated area.
- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P211: Do not spray on an open flame or other ignition source.
- P251: 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/doctor/...
- P331: Do NOT induce vomiting.
- P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364: Take off contaminated clothing and wash it 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 person to fresh air and keep comfortable for breathing.
- P314: Get medical advice/attention if you feel unwell.

### **Storage:**

- P410+P412: Protect from sunlight. 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	% w/w	CAS No.
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

**Eye:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**Skin:** Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

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

### **Most important symptoms and effects, both acute and delayed**

**Acute effects:** Eyes: redness, tearing, blurred vision

**Chronic effects:** None known.

**Indication of immediate medical attention and special treatment needed, if necessary:** Treat symptomatically.

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### 5. Fire-fighting measures

**General hazard:** None known.

**Suitable extinguishing media:** Carbon dioxide, water, foam or dry chemical.

**Fire fighting equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Sensitivity to static discharge:** None

**Sensitivity to mechanical impact:** None

### 6. Accidental release measures

**Small spill:** Remove all sources of ignition. Contain spill. Absorb liquid and place in a sealed container for disposal. Avoid runoff into storm sewers and ditches which lead to waterways.

**General procedures:** Ensure adequate ventilation, especially in confined areas.

### 7. Handling and storage

**General procedures:** Store as Level 3 Aerosol (NFPA 30B)

**Precautions for safe handling:** Follow all SDS/label precautions even after container is emptied because it may retain product residues.

**Conditions for safe storage:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50C/122F. Do not pierce or burn, even after use.

### 8. Exposure controls/personal protection

**Appropriate engineering controls:** Showers, eyewash stations and ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye / face protection:** Safety glasses with side shields (or goggles).

**Skin protection - hand protection:** Rubber or nitrile gloves.

**Respiratory protection:** None needed with adequate ventilation.

**Skin protection - other:** No special technical protective measures are necessary. Wear protective clothing if needed.

**Occupational hygiene practices:** Handle in accordance with good industrial hygiene and safety practices.

### 9. Physical and chemical properties

**Physical state:** Aerosol

**Color:** Colorless

**Odor:** Solvent

**pH:** NA = Not Applicable

**Flash point:** (142°F)

**Notes:** Liquid concentrate only.

**Evaporation rate (n-butyl acetate = 1):** Not yet determined

**Flammability:** Extremely Flammable Aerosol

**Explosion limit / flammability limit notes:** Not yet determined

**Vapor pressure:** Not yet determined

**Relative vapor density:** Not yet determined

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**Relative density:** 0.80 g/mL

**Solubility:** Insoluble

**Partition coefficient n-octanol/water (logarithmic value):** Not yet determined

**Auto-ignition temperature:** Not yet determined

**VOC content:** 40 %

## 10. Stability and reactivity

**Reactivity:** No data available.

**Dangerous polymerization:** Will not occur.

**Chemical 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:** Strong oxidizers

## 11. Toxicological information

**Skin corrosion / irritation:** No data available.

**Serious eye damage / irritation:** No data available.

**Respiratory or skin sensitization:** No data available.

**Germ cell mutagenicity:** No data available.

### Carcinogenicity

**Notes:** No data available.

**Reproductive toxicity:** No data available.

**Specific Target Organ Toxicity - single exposure:** No data available.

**Specific Target Organ Toxicity - repeated exposure:** No data available.

**Aspiration hazard:** No data available.

## 12. Ecological information

**Ecotoxicological information:** No data available.

**Aquatic toxicity, both acute and chronic:** This product is toxic to fish and other aquatic invertibrates.

**Environmental data:** No data available.

## 13. Disposal considerations

**Disposal methods:** Dispose of in accordance with federal, state and local regulations.

**Empty container:** Do not reuse container.

## 14. Transport information

### USA Department of Transport Regulations (DOT)

**UN proper shipping name:** Aerosols, Ltd. Qty

**UN number:** UN1950

**Transport hazard class(es):** 2.1

**Packing group, if applicable:** N/A

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### 15. Regulatory information

#### UNITED STATES

##### TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Distillates, Petroleum, Hydrotreated Light	64742-47-8
Carbon Dioxide	124-38-9
Piperonyl Butoxide	51-03-6

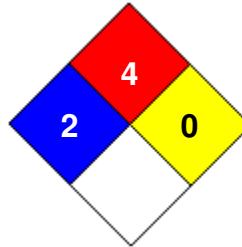
### 16. Other information

Prepared by: E. Spicer      Date revised: 12/15/2025

**Revision summary:** This SDS replaces the 12/15/2025 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s). **Section 15:** California Proposition 65.

HMIS rating		
Health	<input type="checkbox"/>	2
Flammability		4
Physical hazard		0
Personal protection		G

#### NFPA codes



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