

## 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

**Emergency telephone number (24 hour)**

**Poison Control Center (Medical) :** (877) 800-5553  
**CHEMTREC (US Transportation) :** (800) 424-9300

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

## 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  
markHealth  
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 invertebrates.

**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

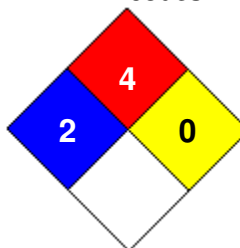
Prepared by: E. Spicer      Date revised: 12/15/2025

**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		2
Flammability		4
Physical hazard		0
Personal protection		G

## NFPA codes



**Manufacturer disclaimer:** The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. Manufacturer provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein.