

SAFETY DATA SHEET



Date issued : 05/21/2025

SDS number : 0514

Det-San II

1. Identification

Product code: 0514**Product identifier:** Det-San II**Relevant identified uses:** Disinfectant**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.:** 44446-81-58111

2. Hazard identification

Classification of the substance or mixture

Eye Irritation, Category 2

Health hazards:

Target Organ Toxicity (Single exposure), Category 3

Physical hazards:

Flammable Aerosols, Category 2

Liquefied Gases

Label elements

Flame



Gas cylinder

Exclamation
mark**Signal word:** WARNING**Hazard statement(s)**

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

H223: Flammable aerosol.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

Precautionary statement(s)**Prevention:**

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.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

Response:

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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.

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.
Ethyl Alcohol	53	64-17-5
Water	10 - 40	7732-18-5
Propane/isobutane	10 - 30	68476-86-8
Ortho-phenylphenol	0.2	90-43-7

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.

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

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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

Exposure controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m ³
Ethyl Alcohol	OSHA PEL	TWA	1000	1900
	ACGIH TLV	TWA	1000	1884

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: Floral

pH: 7.0 to 9.0

Flash point: 43°C (110°F)

Notes: Liquid concentrate only.

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

Flammability: Flammable Aerosol

Explosion limit / flammability limit notes: Not yet determined

Vapor pressure: Not yet determined

Relative vapor density: Not yet determined

Relative density: .870 to .895 g/mL

Solubility: Complete

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

Auto-ignition temperature: Not yet determined

VOC content: 69 %

10. Stability and reactivity

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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

Acute toxicity

Chemical name	LD ₅₀ (oral) mg/kg(rat)
Ortho-phenylphenol	2000

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.**Bioaccumulative potential:** This product does not bioaccumulate.**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

15. Regulatory information

UNITED STATES

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TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Ethyl Alcohol	64-17-5
Water	7732-18-5
Propane/isobutane	68476-86-8
Ortho-phenylphenol	90-43-7

California Proposition 65: ⚠ **WARNING:** This product can expose you to chemicals including [see table below], which is [are] known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Chemical name	% w/w	Listed
Ortho-phenylphenol	0.2	• Cancer

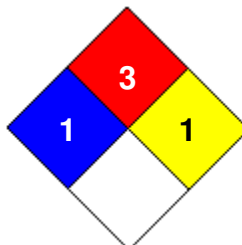
16. Other information

Prepared by: E. Spicer Date Prepared: 05/21/2025

HMIS rating

Health	1
Flammability	3
Physical hazard	1
Personal protection	A

NFPA codes



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