

## SAFETY DATA SHEET



Date Issued : 07/15/2020

SDS No : 0512

Date Revised : 12/08/2020

Revision No : 1

## Det-San

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Det-San  
**GENERAL USE:** Disinfectant  
**PRODUCT CODE:** 0512

**MANUFACTURER**

Detco Industries, Inc.  
 PO Box 430  
 Conway, AR 72033  
**Customer Service:** 800-282-2133  
**E-Mail:** support@detco.com

**EPA REG. NO.:** 44446-67-58111

**24 HR. EMERGENCY TELEPHONE NUMBERS**

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

## 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

Eye Irritation, Category 2

**Physical:**

Flammable Aerosols, Category 2  
 Liquefied Gases

**GHS LABEL**

Flame



Gas cylinder

Exclamation  
mark

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

H280: Contains gas under pressure; may explode if heated.  
 H223: Flammable aerosol.  
 H319: Causes serious eye irritation.

**PRECAUTIONARY STATEMENTS****Prevention:**

P251: Do not pierce or burn, even after use.  
 P211: Do not spray on an open flame or other ignition source.  
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P264: Wash hands thoroughly after handling.

**Response:**

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.

**Storage:**

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

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
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
Para-tertiary-amylphenol	0.05	80-46-6

## 4. FIRST AID MEASURES

**EYES:** 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.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**ACUTE EFFECTS:** Eyes: redness, tearing, blurred vision

**CHRONIC EFFECTS:** None known.

**NOTES TO PHYSICIAN:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**GENERAL HAZARD:** None known.

**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.

**SENSITIVE TO STATIC DISCHARGE:** None

**SENSITIVITY TO 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)

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

**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

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## EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Ethyl Alcohol	OSHA PEL	TWA	1000	1900
	ACGIH TLV	TWA	1000	1884

**ENGINEERING CONTROLS:** Showers, eyewash stations and ventilation systems.

**PERSONAL PROTECTIVE EQUIPMENT**

**EYES AND FACE:** Safety glasses with side shields (or goggles).

**SKIN:** Rubber or nitrile gloves.

**RESPIRATORY:** None needed with adequate ventilation.

**PROTECTIVE CLOTHING:** No special technical protective measures are necessary. Wear protective clothing if needed.

**WORK HYGIENIC PRACTICES:** Handle in accordance with good industrial hygiene and safety practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Aerosol

**ODOR:** Neutral

**COLOR:** Colorless

**pH:** 7.0

**FLASH POINT AND METHOD:** 24°C (75°F) TAG CC

**Notes:** Liquid concentrate only.

**FLAMMABLE LIMITS:** Not yet determined

**AUTOIGNITION TEMPERATURE:** Not yet determined

**VAPOR PRESSURE:** 44 at 25°C (77°F)

**VAPOR DENSITY:** > 1 AIR = 1

**SOLUBILITY IN WATER:** Complete

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not yet determined

**EVAPORATION RATE:** Not yet determined

**SPECIFIC GRAVITY:** .875 g/mL

**(VOC):** 69 %

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No data available.

**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:** Strong oxidizers

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## 11. TOXICOLOGICAL INFORMATION

## ACUTE TOXICITY

Chemical Name	ORAL LD 50	DERMAL LD 50
Ortho-phenylphenol	2000	
Para-tertiary-amylphenol	1830	2000

SKIN CORROSION/IRRITATION: No data available.

SERIOUS EYE DAMAGE/IRRITATION: No data available.

RESPIRATORY OR SKIN SENSITISATION: No data available.

GERM CELL MUTAGENICITY: No data available.

## CARCINOGENICITY

NOTES: No data available.

REPRODUCTIVE TOXICITY: No data available.

STOT-SINGLE EXPOSURE: No data available.

STOT-REPEATED EXPOSURE: No data available.

ASPIRATION HAZARD: No data available.

## 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available.

ECOTOXICOLOGICAL INFORMATION: No data available.

BIOACCUMULATION/ACCUMULATION: This product does not bioaccumulate.

## 13. DISPOSAL CONSIDERATIONS

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

EMPTY CONTAINER: Do not reuse container.

## 14. TRANSPORT INFORMATION

## DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Aerosols, Ltd. Qty

PRIMARY HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN1950

PACKING GROUP: N/A

## 15. REGULATORY INFORMATION

## UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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Para-tertiary-amyphenol	80-46-6

**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](http://www.P65Warnings.ca.gov).

Chemical Name	Wt.%	Listed
Ortho-phenylphenol	0.2	• Cancer

## 16. OTHER INFORMATION

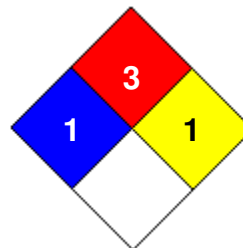
PREPARED BY: E. Spicer      Date Revised: 12/08/2020

REVISION SUMMARY: This SDS replaces the 07/15/2020 SDS. Revised: **Section 9: FLASH POINT AND METHOD.**

## HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY		3
PHYSICAL HAZARD		1
PERSONAL PROTECTION		A

## NFPA CODES



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