

Safety Data Sheet (SDS)

Section 1: Chemical Product and Company Identification

Cat# : 8502

Part Name: CiDecon ST, Sterile Disinfectant

Supplier: Decon Laboratories Inc.

460 Glennie Circle King of Prussia, Pa 19406
SDS Telephone # (610) 755-0800

Emergency Telephone Numbers

US Chemtrec: (800) 424-9300

Canada: (703) 527-3887

Identified uses: Laboratory use

Section 2: Hazards Identification:

Hazard Overview

Classifications

Skin Corrosion - Category 1

Eye Damage - Category 1

Specific Target Organ Toxicity (repeated exposure) – Category 2

Specific Target Organ Toxicity (single exposure) - Category 3

Flammable Liquids - Category 3

Signal Word: DANGER



Flammable

Corrosive

Irritant

Health Hazard

Hazard and Precautionary Statements

Hazard Statements

Keep out of reach of children.

Read label and SDS before use.

Causes severe skin burns and eye damage

May cause damage to kidneys and liver through prolonged or repeated exposure if swallowed.

May cause drowsiness or dizziness.

Flammable liquid and vapor.

Precautionary Statements Prevention

Wash hands thoroughly after handling.

Wear protective gloves and clothing. Wear eye and face protection.

Do not breathe fumes/mist/spray/vapors. Use only in a well-ventilated area.

Keep away from sparks, flames and hot surfaces. ☒ -No smoking. Use explosion-proof ventilating.

Use only non-sparking tools. Take precautionary measures against static discharge.

Keep container tightly closed.

Keep cool.

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Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water/shower. Wash contaminated clothing before reuse

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Immediately call a poison center or a physician.

Storage

Store locked up in a well-ventilated place

Disposal

Dispose of contents and container in accordance with all local, regional, and national regulations.

NFPA Rating

Hazard Ratings:

These ratings are Decon Laboratories Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and list 49).

If no data is listed the information is not available

Health 2 Flammability 2 Reactivity 0

Section 3: Composition/ Information on ingredients

Chemical Name	CAS #	Concentration % by weight
Isopropanol	67-63-0	>=5 <= 10
Sodium Hydroxide	1310-73-2	>=1 <= 5
Ethylene Glycol	107-21-1	>=1 <= 10
Para-Tertiary-Amylphenol	80-46-6	= 5.25
Ortho-phenylphenol	90-43-7	= 3.0
Ortho-Benzyl-para-Chlorophenol	120-32-1	= 3.0

Section 4: First Aid Measures

DANGER. Harmful if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Immediately call a poison center or a physician.

SKIN: Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water/shower. If skin irritation persists get medical attention.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a doctor.

INGESTION: Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

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Section 5: Fire-Fighting Measures

Suitable fire extinguishing media:

Use water spray, fog or foam.

Specific hazards arising from the chemical:

Containers may build pressure and rupture.

Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool

Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode

Section 6: Accidental Release measures

Personal precautions:

Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

Section 7: Handling and Storage

Do not use or store near heat, sparks or open flame.

Store in a cool, dry place.

Do not get in eyes, on skin or on clothing.

Avoid breathing fumes. Keep out of reach of children.

Section 8: Exposure Controls/ Personal Protection

Ethylene Glycol	
ACGIH TLV	100 mg/m ³
OSHA PEL	125 mg/m ³

Sodium Hydroxide	
ACGIH TLV	2 mg/m ³
OSHA PEL	2 mg/m ³

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Eye Protection: Wear safety glasses or goggles.

Skin Protection: Wear impervious gloves (made from rubber, nitrile or neoprene), clothing, and boots.

Respiratory Protection: When respiratory protection is required, use an organic vapor & particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements.

Engineering Controls: Good general ventilation required.

Section 9: Physical and Chemical Properties

<u>Property</u>	<u>Value</u>		
Appearance	CLEAR LIQUID	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	YELLOW/BROWN
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	102 F	Melting/FreezingPoint	NOT AVAILABLE
Odor	ALCOHOL	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 12.4	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	1.1	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE	pH	12-13

Section 10: Stability and Reactivity:

Reactivity : Under normal conditions of storage and use, hazardous reactions will not occur.

Chemical Stability : Stable under normal conditions.

Incompatible Materials : Acids and strong oxidizers

Conditions to Avoid : High temperatures

Decomposition Products: CO, CO2

Vapors may ignite at temperatures exceeding flash point.

Section 11: Toxicological Information

Primary Route of Entry: Skin contact, eye contact, inhalation

Acute/Potential Health Effects:

EYES: Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.

INHALATION: High vapor concentrations may be irritating to respiratory tract.

INGESTION: Harmful or fatal if swallowed. Corrosive. Can cause severe burns and complete tissue perforation of mucous membranes, mouth, throat and stomach.

Chronic / Long Term Effects: None known.

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Target Organ Effects: Lungs and upper respiratory tract, gastrointestinal tract, eyes, skin.

Reproductive/Developmental Information: No data.

Carcinogenic Information: WARNING: This product contains a chemical known to the state of California to cause cancer.

Acute Toxicity Values:

Isopropanol: Inhalation: > 10,000 mg/l Exposure time: 6 h, Species: rat

Section 12: Ecological Information

Not available.

Section 13: Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

Section 14: Transportation Information

Certain shipping modes or package sizes may have exceptions from the transport regulations.

The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Shipment by ground LTD QTY

UN number 2924

Proper shipping name FLAMMABLE LIQUID, CORROSIVE, N.O.S., (CONTAINS ISOPROPANOL AND SODIUM HYDROXIDE)

Class 3

Packing group III

Section 15: Regulatory Information

US. California Proposition 65



WARNING: This product can expose you to chemicals including 2-Phenyl Phenol which is known to the state of California to cause cancer, and Ethylene Glycol which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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CERCLA RQ (40 CFR 302)

Sodium Hydroxide **1000 lbs**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (40 CFR 372.65)

Ortho-phenylphenol

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire (X) Pressure () Reactive () Not Applicable ()

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

D001, D002

FIFRA information

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use

Signal word: DANGER. Hazard statement: Causes irreversible eye damage and skin burns. Harmful if swallowed and absorbed through skin.

<h2>Section 16: Other Information</h2>
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End of Safety Data Sheet