Safety Data Sheet

CiDecon® II

SECTION 1: Identification

Trade Name: CiDecon II
Product Identification: 8514
Synonyms: Phenolic disinfectant
EPA No. 3862-194-56753

Date of Issue: 01/30/2020
Date of Revision: 12/31/2024R

Product Use Description: Disinfectant
Supplier:

Decon Labs, Inc.
460 Glennie Circle
King of Prussia, PA 19406 US
Phone: (800) 332-6647

Website:www.deconlabs.com

EMERGENCY TELEPHONE NUMBERS
US CHEMTREC: (800) 424-9300
CANADA: (703) 527-3887

Complies with EC No. 1907-2006

Identified uses: Laboratory use

SECTION 2: Hazards Identification

Classifications

Skin Corrosion - Category 1
Eye Damage - Category 1
Skin Sensitization - Category 1
Specific Target Organ Toxicity (repeated exposure) - Category 2
Acute Toxicity - Oral - Category 4
Acute Toxicity - Inhalation - Category 4



Health Hazard Irritant Corrosive

Signal Word: Danger

Hazard Statements

Keep out of reach of children.
Read label and SDS before use.
Causes severe skin burns and eye damage
May cause an allergic skin reaction
May cause damage to organs (liver and kidneys) through prolonged or repeated exposure.
Harmful if swallowed or inhaled.

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 outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.
Keep container tightly closed.
Do not eat, drink or smoke when using this product.

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.
If skin irritation or rash occurs: get medical attention
Take off contaminated clothing and wash 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.
Get medical advice/attention if you feel unwell.

Storage

Store locked up.

Disposal

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

SECTION 3: Composition

Chemical Name	CAS #	Concentration % by Weight
Potassium Hydroxide	1310-58-3	1 - 10
Ortho-Benzyl-para-Chlorophenol	120-32-1	= 7.2
Ortho-phenylphenol	90-43-7	= 13.4

SECTION 4: First Aid Measures

EMERGENCY OVERVIEW

DANGER. Harmful if swallowed or inhaled. Causes severe skin burns and eye damage.

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.

SECTION 5: Firefighting 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

Potassium Hydroxide (1310-58-3)	
OSHA PEL	2 mg/m3
ACGIH TLV	2 mg/m3

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

Property	Value	Property	Value
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	NONE	Melting/Freezing Point	NOT AVAILABLE
Odor	LEMON	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 0	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

Hazardous 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.

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

Reproductive/Developmental Information: No data.

Carcinogenic Information: WARNING: This product can expose you O-phenylphenol which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Acute Toxicity Values:

Acute Oral (mixture): LD50=1593 mg/Kg (rat)

Acute Inhalation (OBCP): LC50=2.5 mg/l (rat), Exposure time: 4 h

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: Transport 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.

UN number 1903

Proper shipping name DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. (CONTAINS POTASSIUM HYDROXIDE)

Class 8

Packing group II

SECTION 15: Regulatory Information

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act)

Ortho-phenylphenol

CERCLA RQ (40 CFR 302)

Potassium Hydroxide	**1000**	**LB**

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 ( ) 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)

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: CORROSIVE. Causes irreversible eye damage. Causes skin burns. Harmful if swallowed or absorbed through skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

SECTION 16: Other Information

HMIS Ratings:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

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END OF SAFETY DATA SHEET