

# Safety Data Sheet (SDS)

Complies with EC no. 1907/2006

Date of Issue: 05/01/1998

Date of Revision: 05/01/2018

## Section 1: Chemical Product and Company Identification

**Cat# :** 8510

**Part Name:** CiDecon Wipes

**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:

### Classification

This chemical is considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Respiratory Sensitization	Category 1
Skin Sensitization	Category 1
Specific Target Organ Systemic Toxicity (Single Exposure)	Category 3

### GHS Label elements, including precautionary statements

Product Code(s)

### Emergency Overview

**Signal Word**

**Danger**

### Hazard Statements

- May cause allergy or asthma symptoms or breathing difficulties if inhaled
- May cause an allergic skin reaction
- May cause respiratory irritation. May cause drowsiness or dizziness



**Appearance**

Colorless

**Physical State** Liquid.

**Odor** Floral

### Precautionary Statements

#### Prevention

- Avoid breathing dust/fume/gas/mist/vapors/spray
- In case of inadequate ventilation wear respiratory protection
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves

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- Use only outdoors or in a well-ventilated area

## General Advice

- None

## Skin

- IF ON SKIN: Wash with plenty of soap and water
- If skin irritation or rash occurs: Get medical advice/attention
- Wash contaminated clothing before reuse

## Inhalation

- If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

## Storage

- Store in a well-ventilated place. Keep container tightly closed
- Store locked up.

## Disposal

- Dispose of contents/container to an approved waste disposal plan

## Hazard Not Otherwise Classified (HNOC)

Not applicable

## Other information

Harmful to aquatic life with long lasting effects

## Section 3: Composition/ Information on ingredients

Chemical Name	CAS-No	Weight %	Trade secret
Isopropyl alcohol	67-63-0	0.1-1	*
Glutaraldehyde	111-30-8	0.1-1	*

## Section 4: First Aid Measures

### Description of necessary first-aid measures

<b>Eye Contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash hands thoroughly after handling. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
<b>Inhalation</b>	Not an expected route of exposure. Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Not an expected route of exposure. If large quantities of this material are swallowed, call a physician immediately.

### Most important symptoms/effects, acute and delayed

**Most Important Symptoms/Effects** No information available.

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to Physician** Treat symptomatically

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## Section 5: Fire-Fighting Measures

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient

### Specific Hazards Arising from the Chemical

No information available

**Hazardous Combustion Products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Sulfur oxides. Soot.

### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear. Use water spray to cool surrounding containers.

## Section 6: Accidental Release measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Ensure adequate ventilation

### Environmental Precautions

**Environmental Precautions** Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

### Methods and materials for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

### Methods for Cleaning Up

Small spillage: Wipe up with absorbent material (e.g. cloth, fleece). Large spillage: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place in to a container for later disposal.

## Section 7: Handling and Storage

**Handling** Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not breathe vapors or spray mist.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing. Do not contaminate food or feed stuffs

**Incompatible Products** Strong oxidizing agents. Strong acids. Strong alkalis. Ketones Halogens. Halogenated compounds.

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## Section 8: Exposure Controls/ Personal Protection

### Control parameters

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sub>3</sub> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sub>3</sub> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sub>3</sub>	IDLH: 2000 ppm 10% LEL TWA: 980 mg/m <sub>3</sub> TWA: 400 ppm STEL: 500 ppm STEL: 1225 mg/m <sub>3</sub>
Glutaraldehyde 111-30-8	Ceiling: 0.05 ppm activated and inactivated	(vacated) Ceiling: 0.2 ppm (vacated) Ceiling: 0.8 mg/m <sub>3</sub>	Ceiling: 0.2 ppm Ceiling: 0.8 mg/m <sub>3</sub>

### Appropriate engineering controls

**Engineering Measures** Showers, Eyewash stations, Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields. Goggles.

**Skin and Body Protection** If direct contact possible: Impervious gloves.

**Respiratory Protection** None required under normal usage. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

## Section 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Appearance</b>	Colorless
<b>Odor</b>	Floral	<b>Odor Threshold</b>	No information available

Property	Values	Remarks/ - Method
pH	4.0	None known
<b>Melting Point/Range</b>	No data available	None known
<b>Boiling Point/Boiling Range</b>	100 °C / 212 °F	None known
<b>Flash Point</b>	Flash Point	PMCC,
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
upper flammability limit	No data available	
lower flammability limit	No data available	
<b>Vapor Pressure</b>	No data available	None known
<b>Vapor Density</b>	>1	None known
<b>Relative Density</b>	No data available	None known
<b>Specific Gravity</b>	0.999	None known
<b>Water Solubility</b>	Completely soluble	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	None known

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**Flammable Properties** Not flammable  
**Explosive Properties** No data available  
**Oxidizing Properties** No data available

## Other information

**VOC Content (%)** 1.83%

## Section 10: Stability and Reactivity:

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Incompatible products.

### Incompatible materials

Strong oxidizing agents. Strong acids. Strong alkalis. Ketones Halogens. Halogenated compounds.

### Hazardous decomposition products

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrogen sulfide. Sulfur dioxide. Smoke. Soot.

## Section 11: Toxicological Information

### Information on likely routes of exposure

#### Product Information

##### Inhalation

Overexposure: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

##### Eye Contact

Contact with eyes may cause irritation.

##### Skin Contact

May cause sensitization by skin contact. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

##### Ingestion

May be harmful if swallowed.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isopropyl alcohol	= 4396 mg/kg ( Rat )	12800 mg/kg ( Rat ) 12870 mg/kg ( Rabbit )	72.6 mg/L ( Rat ) 4 h
Glutaraldehyde	= 66 mg/kg ( Rat )	> 2000 mg/kg ( Rat ) = 560 µL/kg ( Rabbit )	= 0.1 mg/L ( Rat ) 4 h

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

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## Delayed and immediate effects and also chronic effects from short and long term exposure

**Sensitization** May cause sensitization by inhalation. May cause sensitization by skin contact. No  
**Mutagenic Effects** information available.  
**Carcinogenicity** Contains no ingredients above reportable quantities listed as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol		Group 3		X

**IARC: (International Agency for Research on Cancer)**

Group 3: Not Classifiable as to its Carcinogenicity to Humans

**OSHA: (Occupational Safety & Health Administration)**

X - Present

**Reproductive Toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration Hazard** No information availab

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## Numerical measures of toxicity - Product

### Section 12: Ecological Information

#### Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Isopropyl alcohol 67-63-0	EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus) EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus)	LC50 96 h: = 11130 mg/L static (Pimephales promelas) LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas) LC50 96 h: > 1400000 µg/L (Lepomis macrochirus)		EC50 48 h: = 13299 mg/L (Daphnia magna)
Glutaraldehyde 111-30-8	EC50 72 h: = 0.61 mg/L (Desmodesmus subspicatus) EC50 96 h: = 0.84 mg/L (Desmodesmus subspicatus)	LC50 96 h: 2.6-4.8 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: 7.8-13 mg/L static (Oncorhynchus mykiss) LC50 96 h: 7.8-22 mg/L static (Lepomis macrochirus) LC50 96 h: = 5.4 mg/L static (Pimephales promelas)	EC50 = 13.3 mg/L 17 h EC50 = 76.0 mg/L 5 min	EC50 48 h: 0.56 - 1.0 mg/L Static (Daphnia magna) EC50 48 h: = 14 mg/L (Daphnia magna)

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

Chemical Name	Log Pow
Isopropyl alcohol	0.05
Glutaraldehyde	0.22

#### **Other Adverse Effects**

No information available

### Section 13: Disposal Considerations

**Waste Disposal Methods** Dispose of in accordance with federal, state, and local regulations

**Contaminated Packaging** Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Isopropyl alcohol	Toxic Ignitable
Glutaraldehyde	Toxic

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## Section 14: Transportation Information

DOT

Not regulated

## Section 15: Regulatory Information

### International Inventories

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### U.S. Federal Regulations

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

Chemical Name	CAS-No	California Prop. 65
O-phenylphenol	90-43-7	Carcinogen

### U.S. State Right-to-Know Regulations



"X" designates that the ingredients are listed on the state right to know list.

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Isopropyl alcohol	X	X	X		X
Glutaraldehyde	X	X	X		X

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** 55195-4-56753

<b>Section 16: Other Information</b>				
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<b>NFPA</b>	Health Hazard 2	Flammability 0	Instability 0	Physical and Chemical Hazards –
<b>HMIS</b>	Health Hazard 2	Flammability 0	Physical Hazard 0	Personal Protection X

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**End of Safety Data Sheet**