

# Material Safety Data Sheet

(MSDS)

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## SECTION 1 - MANUFACTURER INFORMATION

<b>Manufacturer Name:</b>	Decon Laboratories, Inc.	
<b>Trade Name:</b>	<b>Contrad® 70</b>	<b>Emergency Telephone</b> U.S.: (800) 424-9300 Canada: (703) 527-3887
<b>Chemical Name or Synonym:</b>	N/A	<b>Info Telephone:</b> 610-755-0800
<b>Mfg. Address:</b>	460 Glennie Circle	<b>Health: 2 Flammability: 0 Reactivity: 0</b>
<b>City:</b>	King of Prussia	<b>State, Zip:</b> PA 19406

## SECTION II - HAZARDOUS INGREDIENTS

CAS Number	Chemical Name	Percent	PEL	C	S	TLV	C	S	Units	313?
1310-58-3	Potassium Hydroxide	<3				2	C		mg/m3	N

CAS Numbers beginning with letters are codes for items with no valid CAS assignments; "PEL" is OSHA Permissible Exposure Limit; "C" indicates the standard is a Ceiling value; "S" indicates the chemical has a "Skin Contact" notation; "TLV" is Threshold Limit Value; "313" indicates ingredient is reportable under SARA Title III, Section 313. NA-Not Applicable; NE-Not Established; UN-Unknown

**Additional Information:** Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)

## SECTION III - PHYSICAL DATA

<b>Boiling Point (°F):</b>	>212	<b>Specific Gravity (H<sub>2</sub>O=1 @ 25°C):</b>	1.06
<b>Vapor Pressure (mm of Hg):</b>	<18	<b>% Volatiles by Wgt:</b>	> 82
<b>Vapor Density (Air=1):</b>	<1	<b>pH 1% Solution:</b>	N/A
<b>Freezing Point F:</b>	N/A	<b>pH as Distributed:</b>	13 (conc.)
<b>Solubility:</b>	Complete	<b>Evaporation Rate: BuAc = 1</b>	<1
<b>Appearance:</b>	Milky white, thin liquid; slight odor.		

## SECTION IV - FIRE AND EXPLOSION DATA

<b>Flash Point:</b>	N/A None to Boiling (TCC)	<b>LEL:</b>	N/A	<b>UEL:</b>	N/A
<b>Extinguishing Media:</b>	Use media suitable for surrounding materials.				
<b>Special Procedures:</b>	No special procedures required.				
<b>Unusual Fire / Expl Hazards:</b>	None known.				

### Additional Information:

Hazard Ratings

HMIS: Health = 2 Flammability = 0 Reactivity = 0 Personal Protection = B

NFPA: Health = 2 Flammability = 0 Reactivity = 0

**Contrad® 70**

<b>SECTION V - HEALTH HAZARD DATA</b>				
<b>Primary Route of Exposure:</b>	Inhalation, Eye and Skin Contact.			
<b>Inhalation:</b>	May cause respiratory irritation.			
<b>Skin contact:</b>	May cause reddening and irritation.			
<b>Eye Contact:</b>	Pre-existing skin conditions and detergent allergies may be aggravated by exposure. May cause irritation and damage.			
<b>CHRONIC HEALTH EFFECTS / SYMPTOMS:</b> None known.				
<b>Carcinogenicity Data:</b>	NTP: None known	IARC: N	OSHA: N	OTHER: N/A
<b>First Aid</b>				
<b>Eyes:</b>	Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyes open. Seek prompt medical attention.			
<b>Skin:</b>	Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, seek medical attention. Wash clothing before reuse.			
<b>Inhalation:</b>	Move victim to fresh air. Seek medical attention if irritation persists.			
<b>Ingestion:</b>	Contact local Poison Control Center or physician immediately.			
<b>SECTION VI - REACTIVITY DATA</b>				
<b>Stability:</b>	Normally stable			
<b>Incompatibility:</b>	Strong acids.			
<b>Decomposition:</b>	None known.			
<b>Polymerization:</b>	Will not occur.			
<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>				
<b>Spill Procedures:</b>	Wear personal protective equipment (see Section VIII). Neutralize using a weak acid. Clean up with absorbent material.			
<b>Waste Disposal Procedures:</b>	Dispose in accordance with federal, state, and local regulations.			
<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>				
<b>Respiratory:</b>	If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH approved dust / mist respirator.			
<b>Eyes:</b>	If potential for eye contact exists, wear chemical goggles.			
<b>Clothing / Protective Gloves:</b>	Wear neoprene or other chemical resistant gloves.			
<b>Ventilation:</b>	Local exhaust may be necessary under some handling / use conditions. Specific needs should be addressed by supervisory or health / safety personnel.			
<b>SECTION IX - ADDITIONAL INFORMATION</b>				
<b>Safe Handling and Storage:</b>	Store in a closed container. Do not freeze.			
<b>SECTION X – TRANSPORTATION INFORMATION</b>				
<b>DOT Information:</b>	<u>Product</u> 1 Liter (cat # 1002)	<u>Shipping by Ground Only</u> ORM-D, (49 CFR Section 173.154(C))		
	5 Liter (#1003), 20 Liter (#1004), and 55 gal (#1005)	Potassium Hydroxide Solution, 8, UN 1814, PG II		

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.