

Material Safety Data Sheet

(MSDS)

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SECTION 1 - MANUFACTURER INFORMATION

Manufacturer Name:	Decon Laboratories, Inc.	
Trade Name:	CiDehol[®] 70 Non Sterile 70% Isopropyl Alcohol Solution	Emergency Telephone U.S.: (800) 424-9300 Canada: (703) 527-3887
Chemical Name or Synonym:	ISOPROPANOL	Info Telephone: 610-755-0800
Mfg. Address:	460 Glennie Circle	
City:	King of Prussia	State, Zip: PA 19406

SECTION II - HAZARDOUS INGREDIENTS

CAS #	Chemical Name	Percent	PEL	TLV	Other Limits Recommended
67-63-0	Isopropyl Alcohol	70	1000 ppm	400 ppm	STEL=500 ppm
Additional Information:	<u>Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)</u>				

SECTION III - PHYSICAL DATA

pH as Distributed:	N/A	Specific Gravity (H₂O=1 @ 25C):	0.8707
Freezing Point °F:	N/AV	% Volatile by wt @ 105C / 1 hr:	100%
pH @ Solution:	N/A	Odor:	Mild
Appearance:	Colorless Liquid	Solubility:	Complete

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point:	69° F (Closed Cup)	LEL:	2	UEL:	12
Extinguishing Media:	Use water fog. "alcohol" foam, dry chemical or CO ₂ .				

Special Fire Fighting Procedures:	WARNING: Flammable. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH-approved self-contained breathing apparatus. Cool fire exposed container with water.
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Unusual Fire / Explosion Hazards	Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.
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Additional Information:			
Hazard Ratings			
HMIS: Health = 1	Flammability = 3	Reactivity = 0	Personal Protection = B
NFPA: Health = 1	Flammability = 3	Reactivity = 0	

CiDehol 70® Non Sterile 70% Isopropyl Alcohol Solution

SECTION V - HEALTH HAZARD DATA				
EFFECTS OF OVEREXPOSURE (Medical Conditions Aggravated/Target Organ Effects)				
ACUTE	(Primary Route of Exposure)			
EYES:	Product mists can cause eye irritation (watering)			
SKIN:	Can cause mild skin irritation			
INHALATION:	Product mists can cause headaches and / or dizziness.			
INGESTION:	May cause nausea or vomiting. ORAL LD50=5.84g / kG.			
SUBCHRONIC, CHRONIC, OTHER: None known.				
Carcinogenicity Data:	NTP: None known	IARC: N	OSHA: N	OTHER: N/A
First Aid				
Eyes:	Flush eyes with plenty of water for at least 15 minutes. Seek medical attention.			
Skin:	Flush skin with water. If irritation occurs, seek medical attention.			
Inhalation:	Remove victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention.			
Ingestion:	DO NOT give liquids if victim is unconscious or very drowsy. Otherwise, give no more than 2 glasses of water and induce vomiting. Keep victim's head below hips while vomiting. Seek immediate medical attention.			
SECTION VI - REACTIVITY DATA				
Stability:	Stable.	Conditions to Avoid:	None known.	
Incompatibility:	Avoid heat, sparks, flame and contact with strong oxidizing agents. Do not store or handle in aluminum equipment at temperatures above 120°F.			
Decomposition:	Carbon Monoxide, and unidentified organic compounds may be formed during combustion.			
Polymerization:	Will not occur.			
SECTION VII - SPILL OR LEAK PROCEDURES				
Spill Procedures:	Extinguish and do not turn on any ignition sources until the area is determined to be free from fire or explosion hazard. Small spills may be flushed with large amounts of water; larger spills should be collected for disposal. Prevent large quantities from entering sewers, watercourses or low areas.			
Waste Disposal Method:	Incinerate in a furnace where permitted under Federal, State and Local Regulations. At very low concentrations, this product is biodegradable in a biological wastewater treatment plant.			
SECTION VIII - SPECIAL PROTECTION INFORMATION				
Respiratory:	If exposure exceeds occupational exposure limits, use a NIOSH-approved respirator.			
Eyes:	Chemical goggles or face shield.			
Protective Gloves:	Rubber Gloves.			
Ventilation:	Local and mechanical exhaust recommended.			
Other Clothing and Equipment:	Other clothing as required to minimize contact.			
SECTION IX - ADDITIONAL INFORMATION				
Safe Handling and Storage:	Do not use in or near eyes. Use in only well-ventilated area; fumes may be toxic. For external use only.			
SECTION X – TRANSPORTATION INFORMATION				
DOT Hazard Class:	<u>Product</u>	<u>Shipping by Ground</u>		
	16 oz (cat # 8416)	ORM-D Consumer Commodity (DOT 49 CFR 173.150)		
	1 gal (cat# 8401)	Isopropanol solution, 3, UN1219, PGII		
	5 gal (cat# 8406)	Isopropanol solution, 3, UN1219, PGII		