

Material Safety Data Sheet

(MSDS)

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SECTION 1 - MANUFACTURER INFORMATION

Manufacturer Name:	Decon Laboratories, Inc.	
Trade Name:	Fisherbrand® CitriSolv™	Emergency Telephone U.S.: (800) 424-9300 Canada: (703) 527-3887
Chemical Name or Synonym:	N/A	Info Telephone: 610-755-0800
Mfg. Address:	460 Glennie Circle	
City:	King of Prussia	State, Zip: PA 19406

SECTION II - HAZARDOUS INGREDIENTS

CAS Number	Chemical Name	Percent	PEL	C	S	TLV	C	S	Units	313?
5989-27-5	D-Limonene	98.0%	None							
25013-16-5	Butylated hydroxyanisole	0.24%	None							

Additional Information:

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

SECTION III - PHYSICAL DATA

Boiling Point (°F):	349	Specific Gravity:	0.841 @ 25C
Vapor Pressure (mm of Hg):	4.7 @ 25C	% Volatiles:	N/A
Vapor Density (Air=1):	4.69	pH:	N/A
Solubility:	Insoluble in water.	Evaporation Rate:	1.0 (butyl acetate=1)
Appearance:	Clear liquid with citrus-like odor.	Reactivity in Water/Air:	None

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point:	121°F.	LEL:	N/A	UEL:	N/A
Extinguishing Media:	Use water spray, dry chemical, carbon dioxide or chemical foam.				
Special Procedures:	No special procedures required.				
Unusual Fire / Expl Hazards:	None.				

Additional Information:

Hazard Ratings

HMIS: Health = 1 Flammability = 2 Reactivity = 0 Personal Protection = G

NFPA: Health = 1 Flammability = 2 Reactivity = 0

Fisherbrand® CitriSol™

SECTION V - HEALTH HAZARD DATA				
ACUTE HEALTH EFFECTS / SYMPTOMS: May cause eye irritation. May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident upon re-exposure. Aspiration hazard. Ingestion of large amounts may cause gastrointestinal irritation. Inhalation of high concentrations may cause central nervous system effects characterized by headache, dizziness, unconsciousness and coma. Causes respiratory tract irritation.				
CHRONIC HEALTH EFFECTS / SYMPTOMS: Possible cancer hazard based on tests with laboratory animals. Prop. 65 – This product contains a chemical known to the State of CA to cause cancer.				
Carcinogenicity Data:	NTP:	IARC: Group	OSHA:	OTHER: N/A
D-Limonene:		3 Group 2B		
Butylated hydroxyanisole:	Suspect		Possible Select	
First Aid				
Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.			
Skin:	Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.			
Ingestion:	Do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.			
Inhalation:	Remove from exposure to fresh air immediately. Get medical aid.			
Notes to Physician:	Treat symptomatically.			
SECTION VI - REACTIVITY DATA				
Stability:	Stable			
Incompatibility (with other Materials):	Strong oxidizers.			
Conditions to Avoid:	Incompatible materials, ignition sources, excess heat.			
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide.			
Polymerization:	Has not been reported.			
SECTION VII - SPILL OR LEAK PROCEDURES				
Spill Procedures:	Absorb spill with inert material (dry sand or earth), then place into a chemical waste container. In case of large spill, dispose of according to local ordinances.			
Waste Disposal Procedures:	Dispose of in accordance with federal, state, and local regulations.			
SECTION VIII - SPECIAL PROTECTION INFORMATION				
Respiratory:	Follow OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. always use a NIOSH or European Standard EN 149 approved respirator when necessary.			
Eyes:	Wear appropriate protective eyeglasses or chemical safety glasses as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.			
Protective Gloves:	Wear appropriate gloves to prevent skin exposure.			
Clothing:	Wear appropriate protective clothing to minimize contact with skin.			
Ventilation:	Use with adequate ventilation.			
SECTION IX – ADDITIONAL INFORMATION				
Safe Handling and Storage:	Avoid contact with eyes, skin, and clothing. Empty containers retain product residue (liquid and/or vapor), and can be dangerous. Avoid contact with heat, sparks, and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Store in a tightly closed container. Keep from contact with oxidizing materials. Store in a cool, dry, well-ventilated area away from incompatible substances.			
SECTION X – TRANSPORTATION INFORMATION				
DOT Information:	<u>Product</u>	<u>Shipping by Ground Only</u>		
	1 Gallon (cat # 22-143975)	Non-hazardous (LTD QTY - 49 CFR Section 173.150, (b)(3))		

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.