

Material Safety Data Sheet

Multidex ® Hydrophilic Gel Wound Dressing
DeRoyal Industries, Inc.

Section I - Manufacturer

DeRoyal Industries, Inc.
200 DeBusk Lane
Powell, TN 37849

In emergency call CHEM TREC
800-424-9300
For information call
865-938-7828 extension 1357
8:00 am - 4:30 pm Monday - Friday

Section II - Hazardous Ingredients Information

Principal Hazardous Component	CAS #	ACGIH	
		TWA (mg/m ³)	TLV total dust
Maltodextrin	9050-36-6	10	
Glycerin	56-81-5		
Ascorbic Acid	50-81-7		

Purified Water

Major component is GRAS for human consumption 21-CFR 184.1444

Section III - Physical/Chemical Characteristics

Boiling Point (°F) :	N/A	Appearance & Odor: White gel - little odor
Vapor Pressure (mm Hg) :	N/A	Volatiles (% by weight) Approximately 32%
Vapor Density (Air = 1) :	N/A	(water and organics)
Solubility in water: Soluble		Evaporation Rate (n-butylacetate = 1) N/A

Section IV - Explosion Hazard Data

Flash Point (method used): N/A

Extinguishing Media: Water, Carbon Dioxide, or Dry Chemical

Special Fire Fighting Procedure: None

Unusual Fire and Explosion Hazards: None. This is not a hazard in patient use where small quantities are used.

Section V - Health Hazard Data

Routes of Entry: Inhalation - No hazard Skin: No hazard Ingestion: No hazard - Gel may be slightly irritating to mucous membranes of nose and to the eyes.

Carcinogenicity: NTP - No, IARC - No, OSHA - No

Health Hazards: (Acute and Chronic): N/F

Effects of overexposure: None

Emergency and First Aid Procedure: None

N/A = Not Applicable
N/F = No Information Found

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Prepared by: Riley N. Kinman, Ph.D., P.E.

Section VI - Reactivity Data

Stability: Stable

Conditions to avoid: None

Incompatibility (materials to avoid): Strong oxidizing agents

Hazardous decomposition products: Oxides of carbon

Hazardous polymerization: Will not occur

Section VII - Spill or Leak Procedures

Spills or releases: Wipe up or mop up.

Waste Disposal Methods: Send to sanitary landfill or incinerate.

Precautions to be taken in handling and storing: Store away from heat sources.

Other precautions: None

Section VIII - Special Protection Information

Respiratory Protection: Not needed under normal use conditions.

Eye Protection: Not needed under normal use conditions.

Ventilation: No unusual requirements under normal use conditions.

Protective glasses: Not needed under normal use conditions.

Other protective clothing or equipment: Not needed under normal use conditions.

Work/Hygiene Practices: Good housekeeping and sanitary procedures.

Section IX - Special Precautions

Precautions to be taken in storage and handling large quantities: Clean spilled material quickly from floor.

Other precautions: Not needed.

Section X - Transportation

Department of Transportation - Classification: N/A

Department of Transportation - Identification number: N/A

Notice: The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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