

## Material Safety Data Sheet

Multidex ® Hydrophilic Powder 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 Components	CAS #	ACGIH	
		TWA (mg/m <sup>3</sup> )	TLV total dust)
Maltodextrin	9050-36-6	10	
Ascorbic Acid	50-81-7		
Fructose	57-48-7		10

Classified as nuisance particulates.

Major component is GRAS for human consumption 21-CFR 184.1444.

### Section III - Physical/Chemical Characteristics

Boiling Point (°F) :	N/A	Appearance & Odor: White powder - little odor
Vapor Pressure (mm Hg) :	N/A	Volatiles (% by weight): Approximately 5%
Vapor Density (Air = 1) :	N/A	(water)
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. Large quantities of product dust in manufacturing may become a flammable dust when finely divided and suspended in air. Use in ventilated area. Provide adequate dust control. However, this is not a hazard in patient use where small quantities are used.

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

Date of Preparation: June 25, 1996

Revised: May 8, 2001

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

## Section VI - Reactivity Data

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Routes of Entry: Inhalation - as dust Skin: No hazard Ingestion: No hazard - dust may be irritating to nose and 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

## Section V - Health Hazard Data

Stability: Stable

Conditions to avoid: Practices which produce dust.

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: Sweep or vacuum. Avoid production of dust.

Waste Disposal Methods: Send to sanitary landfill or incinerate.

Precautions to be taken in handling and storing: Store away from heat sources. Avoid dust producing procedures.

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: Avoid procedures which produce dust.

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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