

Material Safety Data Sheet

Granulex

Identity (Trade Name As Used On Label)

Manufacturer: Bertek Pharmaceuticals Inc.	MSDS No.: 0.001
Address: 12720 Dairy Ashford	CAS No.: 75-28-5 & 74-98-6
Sugar Land, TX 77478	Date Prepared: 08/12/98
Phone No: 281-240-1000	Prepared By: Dewayne Dickey

Section 1 - Material Identification and Information

Components - Chemical Name & Common Name (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	Other Limits Recommended
Contains Flammable Hydrocarbon Propellant				
CAS #75-28-5 Isobutane)	25			
CAS # 74-98-6 Propane)				
Non-Hazardous Ingredients	75			
	100			

Section 2 - Physical/Chemical Characteristics

Boiling Point: N/A	Specific Gravity (H ₂ O = 1) 0.9
Vapor Pressure (mm Hg and Temperature) N/A	Melting Point N/A
Vapor Density (Air = 1) N/A	Evaporation Rate (_____ = 1) N/A
Stability in Water Yes	Water Reactive No
Appearance and Odor	Brown aerosol spray - vanilla-like odor

Section 3 - Fire and Explosion Hazard Data

Flash Point and Method Used -127°F	Auto-Ignition Temperature N/A	Flammability Limits in Air % by Volume	LEL 1.9	UEL 8.6
Extinguisher Media: Water - CO ₂ Foam - Dry Chemical				
Special Fire Fighting Procedures: Foam or water may cause frothing if directed into burning containers Firefighters should wear protective clothing				
Usual Fire and Explosion Hazards: Heated pressurized containers				
Additional				

Section 4 - Reactivity Hazard Data

Stability: Stable

Conditions to Avoid: N/A

Compatibility (Materials to Avoid): N/A

Hazardous Decomposition Products: N/A

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: N/A

Section 5 - Health Hazard Data

Primary Routes
of Entry

☒ Inhalation

☐ Ingestion

☐ Skin Absorption

☐ Not Hazardous

Carcinogen

Listed In:

N/A

Health Hazards

Acute: Do not inhale aerosol products

Chronic

Signs and Symptoms of Exposure: N/A

Medical Conditions Generally Aggravated by Exposure: N/A

Emergency First Aid Procedures: Seek medical assistance for further treatment, observation and support if needed.

Eye Contact: Wash with water

Skin Contact: Product is for use on skin

Inhalation: N/A

Ingestion: N/A

Section 6 - Control and Protective Measures

Respiratory Protection
(Specify Type)

None

Protective Gloves:

None

Eye Protection:

Do Not Spray in Eyes

Ventilation
To Be Used

☒ Local Exhaust

☐ Mechanical (general)

☐ Special

☐ Other (specify)

Other Protective Clothing and Equipment: N/A

Hygienic Work Practices: As required for wound care

Section 7 - Precautions for Safe Handling and Use/Leak Procedures

Steps to be Taken if Material is Spilled or Released: Wipe or mop up with water.

Waste Disposal Methods: Routine - product is non-toxic

Precautions to be Taken
in Handling and Storage:

Do not use long term storage above 85°F
Do not use short term storage above 130°F

Other Precautions and/or Special Hazards:

Care should be exercised to prevent physical damage to any pressurized container.