

# OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

**Section 1**

**MATERIAL SAFETY DATA SHEET # 202**  
***Bacta-Life***



**MATERIAL SAFETY INFORMATION SERVICE**

Hercules Chemical Company Inc.  
 111 South Street  
 Passaic NJ 07055  
 Phone (800) 221-9330  
 Fax (800) 333-3456

Date Prepared: 11/17/1999 Last Reviewed: 3/1/2000

Meets OSHA 29 CFR 1910.1200

**Section 2 - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	Upper Bound Limit if SARA Reportable
Product is a blend of enzymes, non-pathogenic bacteria, nutrients and buffers.				
Urea (CAS 57-13-6)	Nuisance dust	10mg/M <sup>3</sup> nuisance		N/A

**HMIS Hazard Rating:** Health: 1 Flammability: 0 Reactivity: 1 Personal Protection: E

**Section 3 - Physical/Chemical Characteristics**

Boiling Point (°C):	Specific Gravity (H <sub>2</sub> O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
N/A	1.1	N/A	N/A
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
N/A	N/A	5-8% self dispersing	
Appearance And Color:	Free flowing tan powder	Odor:	"Proteinaceous" odor

**Section 4 - Fire And Explosion Hazard Data**

Flash Point:	Flammable Limits:	LEL:	UEL:
N/A		N/A	N/A

**Extinguishing Media:** Any extinguishing medium, including water and carbon dioxide.

**Special Firefighting Procedures:**  
 Use SCBA with full face piece as fumes may be present.

**Unusual Fire And Explosion Hazards:**  
 Product contains organic ingredients that emit toxic fumes upon thermal decomposition.

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**Section 7 - Precautions For Safe Handling And Use:**

**Steps To Be Taken In Case Material Is Released Or Spilled:**

Sweep or shovel up, avoiding dusting conditions. Use good ventilation. Place collected material in any empty container, label and cover. DO NOT reuse. Flush residue with plenty of water. Clean up personnel should wear respiratory protection against dust.

**Waste Disposal Method:**

If permitted dispose of in approved solid waste landfill or dissolve in water and flush to sewer.

**Precautions To Be Taken In Handling And Storing:**

See : "Conditions to Avoid" above

**Other Precautions:**

None

**Section 8 - Control Measures:**

**Respiratory Protection:**

Work Upwind. NIOSH/OSHA respirator for dust

Ventilation: Local Exhaust Yes

Special None

Mechanical None

Gloves: Yes

Other: N/A

Eye Protection: Goggles. Do NOT wear contact lenses.

**Other Protective**

Clothing: Long sleeve shirt, trousers.

**Work/Hygienic Practices**



For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.