

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.

Nuisance dust 10mg/M³ nuisance

MATERIAL

EAFFTY

RMATION

N/A

Section 1

MATERIAL SAFETY DATA SHEET # 202 Bacta-Life

			TIE NOUEEO:		
Date Prepared: 11/17/1999 Last Reviewed: 3/1/2000 Meets OSHA 29 CFR 1910.1200 Image: CFR 1910.1			Hercules Chemical Company Inc. 111 South Street Passaic NJ 07055 Phone (800) 221-9330 Fax (800) 333-3456		
Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	Upper Bound Limit if SARA	
Product is a blend of enzymes, non-pathogenic	pacteria, nutrient	s and buffers.		Reportable	

Urea (CAS 57-13-6)

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

Section 3 - Physical/	Chemical Characteri	stics			
Boiling Point (°C):		Specific Gravity (H2O = 1):	Vapor Density (Air = 1):	•	or 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: "Protein	aceous"	odor
Section 4 - Fire And	Explosion Hazard D	ata			
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. *Continued on Next Page*

Section 5 - Reactivity Data

Stability:StableConditions To Avoid:Strong oxidizing agents, hot water over 140F, caustic drain cleaners, aIncompatability
(Materials To Avoid):Strong oxidizers and hot water. See above.Hazardous Decomposition:None

Hazardous Polyme	erization:	Will Not Occur					
Section 6 - Hea	alth Hazaro	d Data					
Routes of Entry:	Inhalation	Yes	Skin	Yes	Ingestion	Yes	

Health Hazards:

Oral LD50(Rat): 14,300 mg/kg, SCU LD50(Rat) 8,200 mg/kg, INV LD50(Rat) 5,300 mg/kg, Aquatic Toxicity: TLM 96 1000ppm

Carcinogenicity: NTP NO IARC NO OSHA Regulated NO

Signs And Symptoms of Exposure:

EYES: May cause irritation SKIN: May cause stinging sensation and irritation. May cause allergic reaction in some allergen sensitive individuals. INGESTION: Product can cause irritation of the mouth, throat, esophagus, and stomach, nausea, diarrhea, vomiting.

Medical Conditions Generally Aggravated By Exposure:

Pre-existing asthmatic or other respiratory asthmatic condition. Repeated excessive skin contact may produce dermatitis in persons with sensitive skin; repeated dust inhalation may cause breathing difficulties or aggravate any pre-existing asthmatic condition.

Emergency And First Aid Procedures:

EYES: Immediately flush eyes with water for at least 15 minutes. Hold eyelids apart while flushing to ensure irrigation of entire area. Get medical attention. SKIN: Wash with plenty of soap and water. If irritation, redness and/or discomfort develop seek medical attention. Launder clothing before re-use. INHALATION: Remove to fresh air. If breathing has stopped restore with artificial respiration. If breathing is difficult administer oxygen. Get immediate medical attention. INGESTION: Rinse mouth with large quantities of water. Do NOT induce vomiting. *Continued on Next Page*

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 dispo	se 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 - Cont	rol Measures:				
Respiratory Protecti Work Upwind. NI	ion: OSH/OSHA respirator for dust				
Ventilation: Local Mecha					
Gloves:	Yes Other: N/A				
Eye Protection:	Goggles. Do NOT wear contact lenses.				
Other Protective Clothing:	Long sleeve shirt, trousers.				
Work/Hygienic Pract	tices				



ACTS axed AST! 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.