

**PRODUCT NAME:** Yeoman Brand 4% Mg  
**PRODUCT QA#:** 371

### SECTION I MANUFACTURER'S INFORMATION

#### Manufacturer's Name & Address

Northwest Agricultural Products  
 821 S. Chestnut  
 Pasco, Washington 99301

Emergency Telephone Number: 509-547-8234  
 Number for Information: 509-547-8234  
 Date Prepared: February 17, 2004

### SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

**PRODUCT INFORMATION**	
Chemical Name:	Chelated Micronutrients
Chemical Family:	Chelated micronutrient fertilizer
Formula:	Proprietary
NFPA/HMIS:	Health -2, Fire-0, Reactivity-0

Hazardous Components	CAS	%	OSHA PEL	ACGIH TLV	TWA
None					

Non-Hazardous Components-	CAS	%	ACGIH TLV	OSHA PEL
Magnesium Sulfate	7487-88-9	40		

### SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	~100 C°	Specific Gravity (H <sub>2</sub> O = 1):	1.254@25°C
Vapor Pressure (mm Hg.):	NA	Melting Point:	NA
Vapor Density (Air = 1):	NA	Evaporation Rate (Butyl Acetate = 1):	NA
Solubility in Water:	Miscible		
Appearance and Odor:	Clear, no odor		

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NA	Flammable Limits: NA	LEL	UEL
Extinguishing Media	NA		
Special Fire Fighting Procedures:	NA		
Unusual Fire and Explosion:	NA		
Autoignition Temperature	NA		

### SECTION V REACTIVITY DATA

Stability	Unstable	Stable	<input checked="" type="checkbox"/>	Conditions to avoid – None known
Incompatibility (Materials to Avoid)	None known			
Hazardous decomposition or by-products	None known			
Hazardous Polymerization	Will Occur	Will not Occur	<input checked="" type="checkbox"/>	
Conditions to Avoid:.	None known			
Keep out of Reach of Children, Avoid contact with eyes.				

### SECTION VI HEALTH HAZARD DATA

Route(s) of Entry
Inhalation: NO
Skin Contact: NO

Skin Absorbtion: NO
Ingestion: YES
Eye Contact: Very Irritating

Health Hazards (Acute and Chronic)	None known.
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Carcinogenicity	NIP No	IARC Monographs No	OSHA Regulated No
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Signs and Symptoms of Exposure :	Diarreah, nausea, and vomiting.
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Medical Conditions Generally aggravated by Exposure:	None known
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Emergency and first aid procedures:	Contact a physician immediately
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Note to Physician:	Contains Magnesium Sulfate and Citric Acid
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**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

EYES	STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Flush with large volumes of water
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GROUND	STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Use absorbent materials to remove as much material as possible.
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WASTE DISPOSAL METHOD:	Safe to wash into waste systems
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**SECTION VIII CONTROL MEASURES**

Respiratory Protection (Specific Type):	None		
Ventilation:	Local Exhaust:	Special:	
	Mechanical(General):	Other:	
Protective Gloves:	Eye Protection:	Safety Goggles	
Other Protective Clothing or Equipment:	Protective apron		
Work/Hygienic Practices:	Use Good Housekeeping Practices.		

**SECTION IX SPECIAL PRECAUTIONS**

PRECAUTIONARY STATEMENTS:
OTHER HANDLING AND STORAGE REQUIREMENTS:

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821 S. Chestnut  
Pasco, WA 99301

DATE: February 17, 2004

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