

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 ₂ 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	X	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	X	
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 Absorption: 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.
Medical Conditions Generally aggravated by Exposure: None known
Emergency and first aid procedures: Contact a physician immediately
Note to Physician: Contains Magnesium Sulfate and Citric Acid

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

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:

PREPARED BY: Steven K. Whitesides, Ph.D.

ADDRESS: Northwest Agricultural Products
821 S. Chestnut
Pasco, WA 99301

DATE: February 17, 2004

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