

PRODUCT NAME: BETWEEN
PRODUCT QA#: 305

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: 04/15/02

SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

PRODUCT INFORMATION	
Chemical Name:	
Chemical Family:	Plant Nutrient and Soil Penetrant
Formula:	Proprietary
NFPA/HMIS:	Health -X, Fire-X, Reactivity-X

Hazardous Components	CAS	%	OSHA PEL	ACGIH TLV	TWA
None					

Non-Hazardous Components -	CAS	%	ACGIH TLV	OSHA PEL
Zinc Sulfate		2.86%		
Manganese Sulfate		4.46%		
Cupric Sulfate		0.39%		
Sodium Molybdate		0.005%		
Boric Acid		5.1%		

SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	100 C°	Specific Gravity (H ₂ O = 1):	1.287
Vapor Pressure (mm Hg.):	Negligible	Melting Point:	NA
Vapor Density (Air = 1):	Negligible	Evaporation Rate (Butyl Acetate = 1):	Negligible
Solubility in Water:	Miscible		
Appearance and Odor:	Light Blue Transparent Liquid. Odor none		

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	<input checked="" type="checkbox"/> Stable	X	Conditions to avoid –None Known
Incompatibility (Materials to Avoid)	None known			
Hazardous decomposition or by-products	None Known			

Hazardous Polymerization	Will Occur	<input type="checkbox"/>	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:
Skin Contact:
Skin Absorbtion:
Ingestion:
Eye Contact:

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 :	None known
Medical Conditions Generally aggravated by Exposure:	None Known
Emergency and first aid procedures:	Contact a physician immediately
Note to Physician:	Contains boron, molybdenum which could cause some problems. Also contains wetting agents.

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: Absorb with absorbent materials. Dispose of properly.
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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):	Avoid breathing mist	
Ventilation:	Local Exhaust:	None
	Mechanical(General):	None
Protective Gloves:	General chemical	None
	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: Do not mix with calcium, phosphorus, or sulfate materials. Precipitation will occur. At cold temperatures crystals will form that go into solution on warming.

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DATE: April 15, 2002

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