

**PRODUCT NAME:** PolyCal  
**PRODUCT ID:** # 490

### 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: March 26, 2001

### SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

**PRODUCT INFORMATION**	
Chemical Name:	Plant Nutritional Activator / Soil Amendment
Chemical Family:	Polymers
Formula:	Proprietary
NFPA/HMIS:	Health -2, Fire-0, Reactivity-0

Hazardous Components	CAS	%	OSHA PEL	ACGIH TLV	TWA

Non-Hazardous Components-	CAS	%	ACGIH TLV	OSHA PEL
Anionic Polyacrylamide				
Calcium				

### SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	100 C°	Specific Gravity (H <sub>2</sub> O = 1):	1.183
Vapor Pressure (mm Hg.):	Not Determined	Melting Point:	NA
Vapor Density (Air = 1):	Not Determined	Evaporation Rate (Butyl Acetate = 1):	Not Determined – slow
Solubility in Water:	Highly soluble		
Appearance and Odor:	Cloudy Blue.		

### 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)		Phosphorus containing materials.		Non-hazardous precipitants form.
Hazardous decomposition or by-products		None Known		
Hazardous Polymerization	Will Occur	Will not Occur	X	
Conditions to Avoid:				
Keep out of Reach of Children, Avoid contact with eyes.				

**SECTION VI HEALTH HAZARD DATA**

<b>Route(s) of Entry</b>			
Inhalation: YES			
Skin Contact: NO			
Skin Absorption: NO			
Ingestion: YES			
Eye Contact: YES			
Health Hazards (Acute and Chronic)		NONE	
Carcinogenicity	NIP No	IARC Monographs No	OSHA Regulated No
Signs and Symptoms of Exposure: NONE			
Medical Conditions Generally aggravated by Exposure: NONE			
Emergency and first aid procedures: Contact a physician immediately			
Note to Physician:			

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

<u>EYES</u>	STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Flush with large volumes of water until no chemical is present.
<u>GROUND</u>	STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wash with water. This product is water soluble, biodegradable, and non-polluting.
WASTE DISPOSAL METHOD: Safe to wash into waste systems. It is biodegradable.	

**SECTION VIII CONTROL MEASURES**

Respiratory Protection (Specific Type): NONE			
Ventilation:	Local Exhaust: NONE	Special: NONE	
	Mechanical(General): NONE	Other: NONE	
Protective Gloves:	Rubber 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: Shake well before using.

PREPARED BY: Alan S. Wicks

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

DATE: April 6, 2004

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