

PRODUCT NAME: HOP ZPK
PRODUCT QA#: 215

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: June 1, 2001

SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

PRODUCT INFORMATION	
Chemical Name:	
Chemical Family:	High N & Zinc Leaf Feed Fertilizer
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

SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:	C°	Specific Gravity (H ₂ O = 1):	1.212
Vapor Pressure (mm Hg.):	Negligible	Melting Point:	NA
Vapor Density (Air = 1):	Negligible	Evaporation Rate (Butyl Acetate = 1):	NA
Solubility in Water:	Miscible		
Appearance and Odor:	Tan Liquid		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NA	Flammable Limits: NA	LEL	UEL
Extinguishing Media	NA		
Special Fire Fighting Procedures:	NONE		
Unusual Fire and Explosion:	NONE		
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: YES – May cause skin irritation.

Skin Absorbion: NO
Ingestion: : YES
Eye Contact: YES

Health Hazards (Acute and Chronic) None known

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: Flush area of contact with water for 15 minutes Contact a physician immediately
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Note to Physician:

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. See an ophthalmologist if irritation persists.
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GROUND	STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Material may be diluted with water and disposed of in accordance with local regulations
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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:	Chemical resistant	Eye Protection: Safety Goggles
Other Protective Clothing or Equipment:	Protective apron	
Work/Hygienic Practices:	Use Good Housekeeping Practices.	

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: Do not ingest. Avoid breathing spray mist.
OTHER HANDLING AND STORAGE REQUIREMENTS: Do not freeze.

PREPARED BY: Alan Wicks

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

DATE: June 1, 2001

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