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*Helping you grow green with proven  
specialty ag nutrients*

## MATERIAL SAFETY DATA SHEET

Product Name: **HUMIPLEX ZINC LEAF DROPPER 20-0-0**  
Date: 4/21/2015

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### **SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT: **HUMIPLEX ZINC LEAF DROPPER 20-0-0**  
CHEMICAL/Common Name: Soil Amendment  
CAS NO: This product is a mixture – there is no specific CAS number

MANUFACTURER: WESTERN NUTRIENTS CORPORATION  
245 INDUSTRIAL STREET  
BAKERSFIELD, CALIFORNIA 93307  
(661) 327-9604

EMERGENCY PHONE NUMBER: CHEMTREC (800) 499-9300

### **SECTION 2 – HAZARDOUS IDENTIFICATION**

CHEMICAL	CAS NO.	% BY WEIGHT	TLV OR PEL
NOT APPLICABLE			

### **SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS**

CHEMICAL	CAS NO.	% BY WEIGHT
NOT APPLICABLE		

### **SECTION 4 - FIRST AID MEASURES**

EYES: Flush immediately with water for at least 15 minutes. Call a physician if eye irritation persists

SKIN: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. See a physician if skin becomes irritated.

INGESTION: If conscious and alert, drink water or milk to dilute, and then induce vomiting. Call a physician or Poison Control Center immediately.

INHALATION: Move to fresh air. If breathing becomes difficult, call a physician.

### **SECTION 5 – FIRE-FIGHTING MEASURES**

FLASH POINT: Not Combustible

FLAMMABLE LIMITS:

LEL: Not pertinent

TEST METHOD: Not pertinent

UEL: Not pertinent

EXTINGUISHING MEDIA: Not pertinent

SPECIAL FIREFIGHTING PROCEDURES: Wear positive pressure, self-contained breathing apparatus and goggles. Contain any liquid runoff.

UNUSUAL FIRE & EXPLOSION HAZARDS: None

### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain spill, absorb liquids by covering with absorbent material. Vacuum or sweep waste and place in container.

WASTE DISPOSAL METHOD:

Material, which cannot be used at the site, should be disposed of following all applicable Federal, State and local regulations.



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### **SECTION 7 – HANDLING AND STORAGE**

Store in cool dry area away from children, food, and feed products  
Protect from freezing  
Avoid contamination and spills  
Avoid contact with eyes, skin, and clothing  
Avoid inhalation  
Wash hands thoroughly before eating or smoking

### **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

EYES: Chemical dust / splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.  
SKIN: Impervious gloves and clothes.  
RESPIRATORY: Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator  
VENTILATION: Recommended but no TLV established  
OTHER PROTECTIVE EQUIPMENT: Wear clothing consistent for handling and applying fertilizer

### **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: PALE BLACK LIQUID  
BOILING POINT: 215° F  
VAPOR PRESSURE: N/A  
VAPOR DENSITY (AIR= 1) : <1.0  
WATER SOLUBILITY: Complete, Miscible  
ODOR: STRONG AMMONIA  
SPECIFIC GRAVITY: 1.300  
PH: 9  
% VOLATILE: N/A  
EVAPORATION RATE: Same as water

HAZARD RATING: HEALTH: 1      REACTIVITY: 0      FLAMMABILITY: 0  
                          [0=Insignificant    1=Slight    2=Moderate    3=High    4=Extreme]

### **SECTION 10 – STABILITY AND REACTIVITY**

STABILITY: Stable  
INCOMPATIBILITY: Low pH Acid & Calcium  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID: N/A  
HAZARDOUS DECOMPOSITION PRODUCTS: Not known  
CONDITIONS TO AVOID: None known

### **SECTION 11 – TOXICOLOGICAL INFORMATION**

NO DATA AVAILABLE

### **SECTION 12 – ECOLOGICAL INFORMATION**

No data available – non-toxic, no adverse effects



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**SECTION 13 – DISPOSAL CONSIDERATIONS:** Non-hazardous material, rinse area thoroughly with water. Container is constructed of plastic recyclable material, rinse container thoroughly with water. Please refer to Section 8 above.

**SECTION 14 – TRANSPORT INFORMATION:**

NON-HARZARDOUS MATERIAL – NOT APPLICABLE

**SECTION 15 – REGULATORY INFORMATION:**

NOT APPLICABLE – NON-TOXIC, NON-HAZARDOUS

**SECTION 16 - OTHER INFORMATION:** This information is based on available evidence known to Western Nutrients Corporation. It is provided solely to comply with OSHA'S Hazard Communications Standard, but without warranty, expressed or implied.