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## MATERIAL SAFETY DATA SHEET

### AG PRODUCTS

Product Name: **IMPROVE**

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### AGRICULTURE

Date: 5/16/14

### HUMIC ACIDS

#### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

### HORTICULTURE

PRODUCT: **IMPROVE**

### HYDROPONICS

CHEMICAL/Common Name: Fertilizing compound liquid

CAS NO: This product is a mixture – there is no specific CAS number

### LAWN & GARDEN

MANUFACTURER: WESTERN NUTRIENTS CORPORATION

245 INDUSTRIAL STREET  
BAKERSFIELD, CALIFORNIA 93307  
(661) 327-9604

### GOLF & TURF FULL PRODUCT LINES

EMERGENCY PHONE NUMBER: CHEMTREC (800) 499-9300

### FOLIAR FERTILIZERS

#### SECTION 2 - HAZARDOUS INGREDIENTS

### FOLIAR MICROFERTIGATION

| <u>CHEMICAL</u> | <u>CAS NO.</u> | <u>%</u> | <u>TLV OR PEL</u> |
|-----------------|----------------|----------|-------------------|
|-----------------|----------------|----------|-------------------|

### DRIP SYSTEM PRODUCTS

#### SECTION 3 - PHYSICAL/CHEMICAL DATA

### CUSTOM MANUFACTURING

APPEARANCE: BLACK LIQUID

BOILING POINT: 215° F

VAPOR PRESSURE: N/A

VAPOR DENSITY (AIR= 1) : <1.0

WATER SOLUBILITY: Complete, Miscible

ODOR: AMMONIA

SPECIFIC GRAVITY: 1.060

PH: 9.5

% VOLATILE: N/A

EVAPORATION RATE: Same as water

### CUSTOM PACKAGING

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

### CUSTOM BLENDING

### SOIL

#### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

### AMENDMENTS

FLASH POINT: Not Combustible

TEST METHOD: Not pertinent

### SOIL PENETRANTS

FLAMMABLE LIMITS: LEL: Not pertinent      UEL: Not pertinent

EXTINGUISHING MEDIA: Not pertinent

SPECIAL FIRE FIGHTING PROCEDURES: Wear positive pressure, self-contained breathing apparatus and goggles.

### PRODUCT DEVELOPMENT

Contain any liquid runoff.

UNUSUAL FIRE & EXPLOSION HAZARDS: None

### REGISTRATION

#### SECTION 5 - FIRST AID DATA

### OMRI REGISTERED PRODUCTS

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.



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#### SECTION 6 - REACTIVITY DATA

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 7 - SPILL OR LEAK PROCEDURES

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.

#### SECTION 8 - SPECIAL PROTECTION INFORMATION

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 - SPECIAL PRECAUTIONS

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 10 - REGULATORY COMMENTS

NOTE: 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.