



245 Industrial Street  
(661) 327-9604

E-mail: [westernnutrients@lightspeed.net](mailto:westernnutrients@lightspeed.net)

Bakersfield, California 93307  
FAX (661) 327-1740

Website: [www.westernnutrientscorp.com](http://www.westernnutrientscorp.com)

(800)542-6664  
California Only

## MATERIAL SAFETY DATA SHEET

### AG PRODUCTS

Product Name: **HYDROPONIC 3.1 - 0 - 3.4**

Page 1 of 2

### AGRICULTURE

Date: 5/16/14

### HUMIC ACIDS

#### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

### HORTICULTURE

PRODUCT: **HYDROPONIC 3.1 - 0 - 3.4**

CHEMICAL/Common Name: Fertilizing compound liquid

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

### HYDROPONICS

### 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

CHEMICAL	CAS NO.	%	TLV OR PEL
----------	---------	---	------------

### DRIP SYSTEM

### PRODUCTS

#### SECTION 3 - PHYSICAL/CHEMICAL DATA

APPEARANCE: CLEAR LIQUID

BOILING POINT: 215° F

VAPOR PRESSURE: N/A

VAPOR DENSITY (AIR= 1) : <1.0

WATER SOLUBILITY: Complete, Miscible

ODOR: BLAND

SPECIFIC GRAVITY: 1.080

PH: 4.9

% VOLATILE: N/A

EVAPORATION RATE: Same as water

### CUSTOM

### MANUFACTURING

### CUSTOM

### PACKAGING

**HAZARD RATING:** HEALTH: 1      REACTIVITY: 0      FLAMMABILITY: 0

[0=Insignificant      1=Slight      2=Moderate      3=High      4=Extreme]

### CUSTOM

### BLENDED

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

### SOIL

### AMENDMENTS

FLASH POINT: Not Combustible

TEST METHOD: Not pertinent

FLAMMABLE LIMITS:      LEL: 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

### SOIL PENETRANTS

### PRODUCT

### DEVELOPMENT

### 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.



245 Industrial Street  
(661) 327-9604

E-mail: [westernnutrients@lightspeed.net](mailto:westernnutrients@lightspeed.net)

Bakersfield, California 93307  
FAX (661) 327-1740

Website: [www.westernnutrientscorp.com](http://www.westernnutrientscorp.com)

(800)542-6664  
California Only

Product Name: **HYDROPONIC 3.1 - 0 - 3.4**  
Date: 5/16/14

Page 2 of 2

#### SECTION 6 - REACTIVITY DATA

STABILITY: Stable  
INCOMPATIBILITY: Low pH Acid  
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.