



245 Industrial Street
(661) 327-9604
E-mail: westernnutrients@lightspeed.net

Bakersfield, California 93307
FAX (661) 327-1740

(800)542-6664
California Only
Website: www.westernnutrientscorp.com

MATERIAL SAFETY DATA SHEET

AG PRODUCTS

Product Name: **HYDROPONIC 16-1-2 PLUS MICROS**

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AGRICULTURE

Date: 05/16/14

HUMIC ACIDS

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

HORTICULTURE

PRODUCT: **HYDROPONIC 16-1-12 PLUS MICROS**
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
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DRIP SYSTEM
PRODUCTS

SECTION 3 - PHYSICAL/CHEMICAL DATA

CUSTOM
MANUFACTURING

APPEARANCE: DARK BROWN LIQUID	ODOR: SWEET
BOILING POINT: 215° F	SPECIFIC GRAVITY: 1.160
VAPOR PRESSURE: N/A	PH: 7.1
VAPOR DENSITY (AIR= 1) : <1.0	% VOLATILE: N/A
WATER SOLUBILITY: Complete, Miscible	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

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

SOIL
AMENDMENTS
SOIL PENETRANTS

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

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.



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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.