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*Helping you grow green with proven
specialty ag nutrients*

MATERIAL SAFETY DATA SHEET

Product Name: **NUTRAPLEX MANGANESE 5%**
Date: 10/7/2019

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SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: **NUTRAPLEX MANGANESE 5%**
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

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

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: BROWN LIQUID
BOILING POINT: 215° F
VAPOR PRESSURE: N/A
VAPOR DENSITY (AIR= 1) : <1.0
WATER SOLUBILITY: Complete, Miscible

ODOR: SWEET
SPECIFIC GRAVITY: 1.160
PH: 6.3
% 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: None
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-HAZARDOUS 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.