



MEDINA MICRONUTRIENTS –Material Safety Data Sheet

MANUFACTURER
MEZCLAS Y FERTILIZANTES S.A. DE C.V.
NORTE 11 MANZ. 1 LOTE 1
CD. INDUSTRIAL,
CELAYA, GTO. 38010 MEXICO
DISTRIBUTION BY
MEDINA AGRICULTURED PRODUCTS CO. INC.
Hondo, TX 78861
Call (830) 426-3011 for professional assistance
For Emergency Call: 011 52 (461) 611 6093
Product Code: RSCO 0083/XI/96
Effective Date: 03/14/97

I. IDENTIFICATION

TRADE NAME: MEDINA MICRONUTRIENTS
CHEMICAL NAME : Blend of clays plus microelements
FORMULA: Mixture
MOLECULA WEIGHT: Not applicable
SYNONYMS: None
CAS # & NAME: This product is a mixture-there is no specific CAS number
EPA Reg No.: Not applicable

II. INGREDIENTS/SUMMARY OF HAZARDS.

INGREDIENT (S)	PORCENT %
Iron (Fe)	12.843
Zinc (Zn)	7.525
Sulphur (s)	6.603
Cooper (Cu)	0.616
Manganese (Mn)	1.150
Blend of clays	72.1588

	NFPA ^{1/}	HMIS ^{2/}
HEALT	0	0
FIRE	0	0
REACTIVITY	0	0

1/ National Fire Protection Association Rating
2/ Hazardous Materials Identification System
(4 = Extreme/Severe, 3 = High/Serious 2 = Moderate
1 = Slight, 0 = Minimum)

III. PHYSICAL DATA

SPECIF GRAVITY: 1.0 - 1.1 gr/cm³
BOLLING POINT: Not applicable
FREEZING POINT: Not applicable
VAPOR PRESSURE: Not applicable
SOLUBILITY IN WATER: 95%
PH: 5-6
APPEARANCE: Grain color brown/reddish
ODOR: Iron
For additional technical information call:
011 52 (461) 611 5977

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Product is not flammable material

FLAMMABLE LIMITS IN AIR Not applicable
AUTOIGNITION TEMPERATURE: Not applicable
EXTINGUISHING MEDIA: Not combustible.
SPECIAL FIRE FIGHTING PROCEDURES: Not combustible
UNUSUAL FIRE AND EXPLOSION HAZARDS: Not combustible.

V. REACTIVITY DATA

STABILITY: Stable at room temperature in closed containers under normal storage and handling
CONDITIONS TO AVOID: Do not store with combustible materials or in areas of high humidity.
MATERIALS TO AVOID: Material can be physically degrade in contact with moisture.
HAZARDOUS DESCOMPOSITION PRODUCTS: None specified
HAZARDOUS POLYMERIZATION: Will not occur.

VI. HEALTH HAZARD DATA/FIRST AID PROCEDURES

TOXICOLOGY DATA:
Oral LD₅₀ (rat): Not known
Dermal LD₅₀ (rabbit): Not known.
Inhalation. LC₅₀ (rat-4 hr exposure): Not known.
Skin effects (rabbit): Not known.
Eyes effect (rabbit): Not known.
CANCEROGENICITY: None
SIGN OF POISONING: Nauseas, Vomiting, diarrhea.
PRYMARY ROUTES OF ENTRY: Ingestion and dermal contact.
EFFECTS OF SINGLE OVEREXPOSURE:
Swallowing: ingestion of very large amounts may cause sore throat, nausea and headache.
Skin Absorption: May cause irritation or allergic reaction
Eyes: Redness and pain may be observed..
Inhalation: nuisance dust, may cause coughing or sneezing if large amounts are inhaled.
EFFECTS OF REPEATED OVEREXPOSURE: Repeated exposures are not anticipated to cause any significant adverse effects
OTHER EFFECTS OF OVEREXPOSURE: None known
EXISTING MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: Skin contact may aggravate preexisting skin conditions. Inhalation of mists may aggravate preexisting respiratory conditions.
EMERGENCY AND FIRST AID PROCEDURES:
Swallowing: SEEK MEDICAL ATTENTION IMMEDIATELY.
Skin: Flush with water, if irritation develops, call physician.
Eyes: Flush with water for at least 15 minutes, seek medical attention if irritation persists.
Inhalation: Not problem.



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VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Small spills: Sweep and keep dust to a minimum.

Large spills: Sweep and keep dust to a minimum.

Containment: Do not release into sewers or waterways.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, wear dust respirator, shovel or sweep up and reuse, Approved liquid spray to reduce dust when sweeping or shoveling can be used.

WASTE DISPOSAL METHOD: Dispose of waste in accordance with federal, state, and local regulations.

CONTAINER DISPOSAL: Dispose of in an approved facility according to federal, state and local regulations.

CAUTIONS TO BE TAKEN IN HANDLING AND

STORING: Store in a cool, dry, secure area.

VIII. SPECIAL PROTECTION INFORMATION

PROTECTIVE EQUIPMENT SHOULD BE USED DURING THE FOLLOWING PROCEDURES:

- Manufacture or formulation of this product.
- Repair and maintenance of contaminated equipment.
- Clean up of leaks and spills.
- Any other activity that may result in hazardous exposures

RESPIRATORY PROTECTION: If misting conditions exist, use NIOSH/MSHA approved respirator for organic vapors

VENTILATION: Local exhaust

PROTECTIVE CLOTHING: Heavy-duty work gloves, boots and aprons to prevent prolonged skin contact.

EYES PROTECTION: Safety goggles

USER SAFETY RECOMMENDATIONS: Safety showers and eyes wash should be easily accessible

IX. REGULATORY STATUS

TRANSPORTATION STATUS:

DOT INFORMATION:

Not D.O.T. regulated.

SARA TITLE III

Section 302-304 (40 CFR 350): Not listed

Extremely Hazardous substance (EHS): Not applicable

RCRA HAZARDOUS WASTE: Not listed

International Right-To-know Regulations:

X. OTHER INFORMATION

1) Supplier sponsored studies.

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSE OR IMPLIED, IS MADE

In compliance with Texas law section 65.17 (d)(1). Do not exceed 1000 lbs per acre total of all applications of this product in one year. This is not a recommendation for agronomic application rates.

NOTICE: In no case shall MEDINA Micronutrients be liable for injury to persons, animals or loss or damage to crops, soil, water or other property arising out of or resulting from the use of this product. MEDINA Micronutrients shall not have liability for consequential, special, or indirect damages resulting from use or handling of this product.

WARRANTY:

Manufacturer warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS.

This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

