

MEDICAP[®] MD

SYSTEMIC FERTILIZER IMPLANTS

MATERIAL SAFETY DATA SHEET

<p align="center">MANUFACTURER</p> <p>Creative Sales, Inc. P.O. Box 501 222 N. Park Avenue Fremont, NE 68025-0501 U.S.A.</p>	<p align="center">EMERGENCY TELEPHONE NUMBERS</p> <p>Product Information: (402) 727-4800 Medical Emergency: (800) 759-7739</p>
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NFPA HAZARD RATING

Health 0
Reactivity ... 0

Flammability 0
Special Hazard 0

SECTION 1: GENERAL INFORMATION

Catalog Number MD1210; MD4X25; MD4X75
Chemical Name & Synthetic Derived from inorganic fertilizer/nutrient sources
Chemical Family Inorganic Fertilizer
Formula Ammoniacal & Nitrate Nitrogen, Phosphoric Acid, Soluble
Potash, Ferric Am Citrate, Manganese Sulfate, Zinc Sulfate
DOT Shipping Name NA
DOT Number NA
CAS Number NA

SECTION 2: HAZARDOUS INGREDIENTS

Not more than 4% (by weight) of Soluble Iron Salts. TLV: 1mg(Fe)/M3

SECTION 3: PHYSICAL DATA

Boiling Point NA
Melting Point NA
Specific Gravity (H₂O=1) 2.95
Vapor Pressure NA
Percent Volatile by Vol (%) NA
Vapor Density (Air = 1) NA
Evaporation Rate (BuAc=1) NA
Solubility in Water (200) Soluble; 96 g/100ml
Appearance & Odor Light gray powder, no specific odor

NA = Not Applicable

Revision Date: 3/16/2015

SECTION 4: FIRE & EXPLOSION HAZARD DATA

Flash Point NA
 Auto Ignition Temperature NA
 Flammable Limits LEL % NA
 Flammable Limits UEL NA
 Extinguishing Media CO2 foam or dry chemical
 Special Fire Fighting Proc Follow normal safety procedures
 Unusual Fire & Expl. Hazards No unusual hazards have been experienced or reported

NOTE:

The information herein provided regarding potential hazards of using or storing this product would be applicable to the handling of the chemical contained inside the encapsulated implant cartridge. Under use of the product there should be no exposure or contact with the active ingredient per se.

SECTION 5: HEALTH HAZARD DATA

ACGIH Threshold Limit Value NA
 Symptoms of Exposure Inorganic fertilizers are hardly absorbed by the digestive tract.
 Medical Cond. Aggravated by exposure NA
 Primary Route(s) of Entry Ingestion, Inhalation, Skin contact.
 Emergency First Aid Skin: flush thoroughly with water; wash with soap and water. Eyes: flush with copious amounts of water for fifteen minutes; get medical attention if respirator failure occurs; give artificial respiration.

SECTION 6: REACTIVITY DATA

Stable Yes
 Conditions to Avoid Fire or excess heat
 Incompatibility NA
 Hazardous Polymerization Will not occur
 Conditions to Avoid (Re: Polymeriz.) NA
 Hazardous Decomposition Products SOX, NOX, FE+, ammonia gas

SECTION 7: ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response Avoid breathing dust. Use Appropriate respirator if contact is experienced with more than 10 lbs of the contents of the encapsulated implants, use gloves, goggles and lab coat. Wash area exposed with soap and water.
 Waste Disposal Method Dispose of in an approved landfill or send to a licensed treatment storage and disposal facility.

NA = Not Applicable

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SECTION 8: SPECIAL PROTECTION INFORMATION

- Eye Protection Goggles; Not required when handling the encapsulated implant.
- Skin Protection Rubber gloves; Not required when handling the encapsulated implant.
- Respiratory Protection Approved respirator; Not required when handling the encapsulated implant..
- Ventilation Recommended If contents is exposed, provide adequate local exhaust, (75-100 CFM).
- Other Protection Lab coat, if exposed to more than 10 lbs of contents.

SECTION 9: SPECIAL PRECAUTIONS

- Handling & Storage Keep containers closed until ready for use. Reseal when not in case and if not totally used. Store in the general chemical and fertilizer storage area. Protect against physical damage. There is no need to “open” the encapsulated implants.
- Other Precautions Per Section 7 (above), when handling large quantities (i.e. more than 10 lbs. or 5,000 implants), be sure to wear protective equipment.