Material Safety Data Sheet

Effective Date: 19-JAN-2000
Product: ELE-MAX SUPER ZINC FL 1-0-0

I. IDENTIFICATION

Chemical Name: LIQUID SUSPENSION CONCENTRATE OF ZINC.
Chemical Family: INORGANIC METAL SALTS.
   Formula: NOT APPLICABLE, FORMULATED MIXTURE.
   Synonyms: NONE
   CAS Number: SEE INGREDIENT STATEMENT, SECTION III.
   EPA Number: NONE REQUIRED

II. PHYSICAL DATA

Boiling Point: >100 DEGREES C.
Freezing Point: <-7 DEGREES C.
Spec Gravity: 1.759 GMS/CC
Vapor Pressure: NOT ESTABLISHED
Vapor Density: NOT ESTABLISHED
Solubility: MISCIBLE WITH WATER.
Volatiles: NOT ESTABLISHED
Evaporation: NOT ESTABLISHED
Melting Point: <-7 DEGREES C.
Appearance: WHITE LIQUID SUSPENSION, VERY LOW ODOR.

III. INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS Number</th>
<th>Percent</th>
<th>TLV</th>
<th>Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPRIETARY LIQUID SUSPENSION</td>
<td></td>
<td>100.00</td>
<td>NOT</td>
<td>PARTICLES IN SUSPENSION MAY SHED CAUSE SKIN &amp; EYE IRRITATION</td>
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<tr>
<td>CONCENTRATE OF ZINC OXIDE WITH UREA</td>
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IV. FIRE AND EXPLOSION HAZARD

Flash Point: NON-COMBUSTIBLE
Autoignition Temp: NOT APPLICABLE
Flammable Limit: NOT APPLICABLE
Extinguishing Media: NON-COMBUSTIBLE LIQUID. USE EXTINGUISHING MEDIA FOR UNDERLYING CAUSE OF FIRE.
Special Fire Fight Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL.
Fire and Expl Hazard: PRODUCT MAY PRODUCE TOXIC FUMES UNDER FIRE CONDITIONS.
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V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

- Swallowing: INGESTION MAY RESULT IN NAUSEA, FEVER AND STOMACH CRAMPS.
- Skin Absorption: NONE CURRENTLY KNOWN.
- Inhalation: MIST MAY PRODUCE IRRITATION OF THE RESPIRATORY TRACT
- Skin contact: PRODUCT MAY PRODUCE MILD SKIN IRRITATION.
- Eye Contact: PRODUCT MAY PRODUCE EYE IRRITATION.
- Chronic Effects: NONE CURRENTLY KNOWN.
- Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

- Swallowing: IF CONSCIOUS, GIVE MILK OR WATER TO DRINK. OBTAIN MEDICAL ATTENTION IMMEDIATELY.
- Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION IF IRRITATION DEVELOPS. LAUNDER CLOTHING BEFORE REUSE.
- Inhalation: MOVE TO FRESH AIR, OBTAIN MEDICAL ATTENTION IF IRRITATION DEVELOPS.
- Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. OBTAIN MEDICAL ATTENTION IF IRRITATION DEVELOPS.
- Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT SHOULD BE DIRECTED TOWARD CONTROL OF THE SYMPTOMS AND THE CLINICAL CONDITION OF THE PATIENT.

VI. REACTIVITY

- Stability: Stable
- Conditions to Avoid: NONE CURRENTLY KNOWN.
- Polymerization: Will Not Occur
- Conditions to Avoid: NONE CURRENTLY KNOWN.
- Incompatibility material: NONE CURRENTLY KNOWN.
- Hazardous Combustion: PRODUCT MAY PRODUCE TOXIC FUMES AND/OR VAPORS UNDER FIRE CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

- Spill or Leak Proc: CONTAIN PRODUCT, REUSE MATERIAL IF
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UNCONTAMINATED. IF CONTAMINATED, ABSORB MATERIAL WITH AN ABSORBENT SUCH AS CLAY OR SAND AND PLACE IN SUITABLE PLASTIC CONTAINER FOR PROPER DISPOSAL. DO NOT CONTAMINATE WATER SUPPLIES.

Waste Disposal Method: THIS MATERIAL MUST BE DISPOSED OF ACCORDING TO FEDERAL, STATE, OR LOCAL PROCEDURES UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: NONE NEEDED UNDER NORMAL CONDITIONS. USE NIOSH/MSHA MIST RESPIRATOR UNDER MISTY CONDITIONS.

Ventilation: LOCAL EXHAUST NORMALLY SUFFICIENT.

Gloves: IMPERVIOUS GLOVES

Eyes: SPLASH PROOF GOGGLES.

Other: EYE WASH STATION, IMPERVIOUS APRON AND FOOTWEAR.

IX. SPECIAL PRECAUTIONS

Special precaution: KEEP OUT OF REACH OF CHILDREN. DO NOT STORE WITH FOOD, FEED, OR OTHER MATERIAL TO BE USED OR CONSUMED BY HUMANS OR ANIMALS. DO NOT CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR PONDS. STORE IN ORIGINAL CONTAINERS, AWAY FROM EXCESSIVE HEAT BUT DO NOT ALLOW TO FREEZE.


X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT (HIGHWAY), IATA (AIR) OR IMDG (WATER).

Hazard Class: NONE

Identification No: NONE

Labels Required: NONE REQUIRED
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Placarding: NONE REQUIRED
Freight Class: COMPOUND, FERTILIZER (MANUFACTURED FERTILIZER) LIQUID, NOIBN (NMFC ITEM 68140, SUB 6, CLASS 70)

Chemical Name   Equivalent R.Q.
N/A              N/A

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 2 Fire: 0 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y Delayed (Chronic) Health: N
Sudden Release of pressure: N Fire: N
Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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