DIAMOND R ULTRA NUTRITIONAL SPRAY

QUICK IDENTIFIER: Diamond R Ultra Nutritional Spray
Common Name: (used on label and list)
Mn 2.90%; Zn 3.60%; S 3.20%

SECTION 1

MANUFACTURER'S NAME: DIAMOND R FERTILIZER
4100 GLADES RD.
FT. PIERCE, FL 34981
EMERGENCY TELEPHONE NUMBER: POISON CONTROL 1-800-282-3171
PHONE NUMBER FOR INFORMATION: 1-800-330-9300
DATE PREPARED: 3-87

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>Other component(s)</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Exposure Limits</th>
<th>% (optional)</th>
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SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: NA
SPECIFIC GRAVITY (H₂O = 1): 1.32
VAPOR PRESSURE (mm Hg): Unknown
VAPOR DENSITY (Air = 1): Unknown
SOLUBILITY IN WATER: Infinitely dilutable
REACTIVITY IN WATER: Stable
APPEARANCE AND ODOR: Moderately acidic, dark brown with slight to negligible odor.
MELTING POINT: NA

SECTION 4 - FIRE & EXPLOSION DATA

FLASH POINT: Doesn't flash
METHOD USED:
FLAMMABLE LIMITS IN AIR % BY VOLUME:
   LEL LOWER:
   UEL UPPER:
AUTO-IGNITION TEMPERATURE: NA
EXTINGUISHER MEDIA: Dry chemical CO₂ foam, water.
SPECIAL FIRE FIGHTING PROCEDURES: Non flammable. This product does not support combustion. If heated to decomposition, nitrate ion will support combustion. Use self contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: If heated to anhydrous state, nitrates are powerful oxidizing agents; exposure to heat or flame can emit toxic vapors.
SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable
CONDITIONS TO AVOID: Intense heat
INCOMPATIBILITY (Materials to Avoid): Avoid contact with strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Cu fumes, vapors & spray mist - CO, CO₂ (SOx organic vapors) metallic oxides and Cl₂ vapors.
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: NA

SECTION 6 - HEALTH HAZARDS

1. ACUTE: Direct contact may cause eye and skin irritation.
2. CHRONIC: When exposed to vapors from heated materials 120 deg F or above slight headache may occur when adequate ventilation is not maintained.
SIGNs AND SYMPTOMS OF EXPOSURE: As above
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
Harmful if large quantities are ingested; normal allergic responses, intestinal problems may occur.
CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:
NATIONAL TOXICOLOGY PROGRAM: No
I.A.R.C. MONOGRAPHS: No
OSHA: No
EMERGENCY AND FIRST AID PROCEDURES: In all cases seek immediate medical attention.
ROUTES OF ENTRY:
1. INHALATION: If breathing has stopped give artificial respiration and keep breathing passage open.
2. EYES: Immediately flush eyes with copious quantities of water.
3. SKIN: Wash with plenty of soap and water.
4. INGESTION: If victim is conscious, induce vomiting, contact physician immediately.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid areas of extreme heat. Avoid breathing spray mist. Do not store near oxidizing agents.
OTHER PRECAUTIONS: Keep away from children, pets, wildlife & livestock. Don't contaminate waters (lakes, rivers, streams or any water supply) by cleaning equipment and or disposal of waters.
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Absorb with inert material. Sweep or shovel inert materials. Scatter residue into soil.
WASTE DISPOSAL METHODS (Consult federal, state, and local regulations): Dispose of in accordance with state, federal and local laws.
SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type): Do not open containers in enclosed area, use in open area with plenty of ventilation.
VENTILATION: Use in open area only.
LOCAL EXHAUST: Same
MECHANICAL (General): Same
SPECIAL:
OTHER:
PROTECTIVE GLOVES: Rubber or plastic gloves
EYE PROTECTION: Use goggles or face shield.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear clean clothing.
WORK/HYGIENIC PRACTICES: Bathe daily, wear clean clothing.

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COMPAS Code: 22590080