Material Safety Data Sheet


I Trade Name: Vigoro Fruit, Nut & Citrus Fertilizer Spikes

Product Type: Fertilizer Spikes

Item Number: 52206

II Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Chemical</th>
<th>%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inert</td>
<td>12-5-0 Fertilizer</td>
<td>100</td>
<td>NA</td>
</tr>
</tbody>
</table>
| Derived from: | Ureaform, Ammonium sulfate, Ammonium phosphate, Muriate of potash, Calcium sulfate, Sodium borate, Copper Sulfate, Copper oxide, Ferrous sulfate, Ferric oxide, Manganese sulfate, Manganese oxide, Molybdic oxide, Sodium molybdate, Zinc Sulfate, Zinc oxide. Information regarding the contents and levels of metals in this product is available on the Internet at www.regulatory-info-sb.com

III Physical and Chemical Characteristics

Appearance: Compressed Spike

Boiling Point: NA
Melting Point: NA
Vapor Pressure: NA
Bulk Density: 60#/cu ft
Solubility in Water: NA
Evaporation Rate: NA

IV Fire and Explosion Hazard Data

Flash Point: N/A - Will not burn
Flammable Limits: N/A
Autoignition Temp.: N/A
Flame Extension: N/A
Fire Extinguishing Media: Use proper media to extinguish surrounding fire
Decomposition Temp.: N/A
Special Fire-Fighting Procedures: Use self-contained air supply. Ammonium is toxic to aquatic organisms. Keep runoff from reaching any body of water
Unusual Fire and Explosion Hazards: Noxious fumes may form ammonia and oxides of nitrogen and carbon.

V Reactivity Data

Stability: Stable
Polymerization: Will not occur
Conditions to Avoid: Fire conditions
Incompatible Materials: Corrosive to metals.
Hazardous Decomposition or Byproducts: Oxides of nitrogen, carbon and phosphorous are possible.

VI Health Hazard Data

Summary of Risks: Possible nausea, vomiting, diarrhea – possible skin or eye irritation

FIRST AID PROCEDURES

Ingestion (Swallowing): Get medical attention.
Inhalation: Remove to fresh air. Treat symptomatically.
Skin Contact: Wash thoroughly.
Eye Contact: Flush with water for 15 minutes holding eyelids open. Get medical attention.
Special Notes: None
Health Conditions Aggravated by Exposure: Excessive inhalation of dust may cause irritation and coughing. Inhalation of dust may also aggravate asthma in susceptible individuals. Prolonged skin contact may cause mild skin irritation.

Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens: None

Steps to be Taken in Case Material is Released or Spilled:

Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.

Waste Disposal:

Remove to approved landfill.

Handling & Storage Precautions:

Keep out of reach of children. Store in a cool, dry place.

VII Precautions for Safe Handling and Use

IX Transportation Data

DOT - Not Regulated by DOT (limited quantity exception)
IMDG - Not Regulated by IMDG (limited quantity exception)
IATA - Not Regulated by IATA (limited quantity exception)

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