

Spectrum Group  
 Division of United Industries Corp.  
 P.O. Box 142642  
 St. Louis, MO 63114-0642

# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

## Hazardous Material Identification System-(HMIS)

HEALTH - 1	REACTIVITY - 0
FLAMMABILITY - 0	PERSONAL - Rubber gloves

<b>I Trade Name:</b> Premium Vigoro Citrus & Avocado Food			
<b>Product Type:</b> Granular Fertilizer		<b>Item Number:</b> 322244	
<b>EPA Registration Number</b>		<b>Manufacturer</b>	
N/A		Chemsico Division of United Industries Corp. 8494 Chapin Industrial Drive St. Louis, MO 63114	
<b>Emergency Telephone No.</b>			
<b>For Chemical Emergency:</b>		1-800-633-2873	
<b>For Information:</b>		1-800-561-1333	
<b>Prepared by:</b>		Charlie Duckworth	
<b>Date Prepared:</b>		March 31, 2005	
<b>II Hazardous Ingredients/Identity Information</b>		<b>III Physical and Chemical Characteristics</b>	
<b>Chemical</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Inert			
12-5-8 Fertilizer	100	NA	NA
(Derived from: Polymer-coated Urea, Urea, Diammonium phosphate, Muriate of potash, Sulfate of potash magnesia and Ferrous sulfate.)			
Information regarding the contents and levels of metals in this product is available on the Internet at <a href="http://www.regulatory-info-sb.com">www.regulatory-info-sb.com</a>			
<b>Appearance:</b>		Granular	
<b>Boiling Point:</b>		NA	
<b>Melting Point:</b>		NA	
<b>Vapor Pressure:</b>		NA	
<b>Specific Gravity:</b>		(H <sub>2</sub> O=1) NA	
<b>Solubility in Water:</b>		NA	
<b>Evaporation Rate:</b>		NA	
<b>IV Fire and Explosion Hazard Data</b>		<b>V Reactivity Data</b>	
<b>Flash Point:</b>	N/A - Will not burn		
<b>Flame Extension:</b>	N/A		
<b>Flammable Limits:</b>	N/A		
<b>Autoignition Temp.:</b>	N/A		
<b>Fire Extinguishing Media:</b>	Use proper media to extinguish surrounding fire		
<b>Decomposition Temp.:</b>	N/A		
<b>Special Fire-Fighting Procedures:</b>	Use self-contained air supply. Ammonium is toxic to aquatic organisms. Keep runoff from reaching any body of water		
<b>Unusual Fire and Explosion Hazards:</b>	Noxious fumes may form ammonia and oxides of nitrogen and carbon.		
<b>Stability:</b>	Stable		
<b>Polymerization:</b>	Will not occur		
<b>Conditions to Avoid:</b>	Fire conditions		
<b>Incompatible Materials:</b>	Corrosive to metals.		
<b>Hazardous Decomposition or Byproducts:</b>	Urea will generate ammonia in a fire. Oxides of nitrogen, carbon and phosphorous are also possible.		
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
<b>Caution.</b> May be harmful if swallowed and cause skin and eye irritation. Avoid breathing dust and contact with eyes and skin. Wash with soap and Water after handling. If in eyes rinse with water for 15 minutes and repeat if Needed.		<b>Steps to be Taken in Case Material is Released or Spilled:</b> Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash after handling.	
<b>Special Notes:</b> None		<b>Waste Disposal:</b> Remove to approved landfill.	
<b>Health Conditions Aggravated by Exposure:</b> None		<b>Handling &amp; Storage Precautions:</b> See label. Keep out of reach of children.	
<b>Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens:</b> None			
<b>VIII Control Measures</b>		<b>IX Transportation Data</b>	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.		<b>DOT</b> – Not Regulatory by DOT (limited quantity exception) <b>IMDG</b> – Not Regulated by IMDG (limited quantity exception) <b>IATA</b> – Not Regulated by IATA (limited quantity exception)	

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