



Health	2
Fire	0
Reactivity	0
Personal Protection	D

## Safety Data Sheet Carbomin® Magnesium 3.0%

### Section 1: Chemical Product and Company Identification

<b>Product Name:</b> Carbomin® Magnesium 3.0%	<b>Contact Information:</b>  <b>QualiTech, Inc.</b> 318 Lake Hazeltine Drive Chaska, MN 55318  Phone: <b>1-800-328-5870</b>
<b>Product Code:</b> 7333	
<b>CAS #:</b> Not applicable.	
<b>RTECS:</b> Not available.	
<b>TSCA:</b> TSCA Not available.	
<b>IFN #:</b> Not Applicable	
<b>Synonym:</b> Polysaccharide Micronutrient	<b>24 hr Emergency Phone: Infotrack</b> <b>(800) 535-5053</b>
<b>Chemical Name:</b> Not available.	
<b>Chemical Formula:</b> Magnesium Polysaccharide	

### Section 2: Hazards Identification

<b>Potential Acute Health Effects:</b>	None identified.
<b>Potential Chronic Health Effects:</b>	None identified.
<b>Carcinogenic Effects:</b>	Not available
<b>Teratogenic Effects:</b>	Not available

### Section 3: Composition and information on Ingredients

<b>Composition:</b>															
<table border="1"><thead><tr><th>Name</th><th>CAS #</th><th>% by Weight</th></tr></thead><tbody><tr><td>Magnesium Nitrate</td><td>13446-18-9</td><td>28-40</td></tr><tr><td>Citric Acid</td><td>77-92-9</td><td>1-10</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>	Name	CAS #	% by Weight	Magnesium Nitrate	13446-18-9	28-40	Citric Acid	77-92-9	1-10						
Name	CAS #	% by Weight													
Magnesium Nitrate	13446-18-9	28-40													
Citric Acid	77-92-9	1-10													
<b>Toxicological Data on Ingredients:</b>	Not available														

### Section 4: First Aid Measures

<b>Eye Contact:</b>	Flush eyes with running water for at least 15 minutes, keeping eyelids open. Do not use ointment. Seek medical attention if irritation persists.
<b>Skin Contact:</b>	Wash irritated areas with mild soap and water. Remove and wash contaminated clothing.
<b>Serious Skin Contact:</b>	Wash irritated areas with mild soap and water. Remove and wash contaminated clothing.
<b>Inhalation:</b>	Move to fresh air. If discomfort persists seek medical attention.
<b>Serious Inhalation:</b>	Move to fresh air. If discomfort persists seek medical attention.
<b>Ingestion:</b>	Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Call physician or poison control enter immediately.

**Serious Ingestion:** See above. Ingestion of large amounts may have serious or fatal effects.

**Section 5: Firefighting Measures**

<b>Suitable Extinguishing Media:</b>	Aqueous solution.
<b>Unsuitable Extinguishing Media:</b>	Not applicable.
<b>Risks Associated with Unsuitable Extinguishing Media:</b>	Not applicable.
<b>Flammability of Product:</b>	Not available.
<b>Auto-Ignition Temperature:</b>	Not available.
<b>Flash Points:</b>	Not available.
<b>Flammable Limits:</b>	Not applicable.
<b>Products of Combustion:</b>	NOx may be liberated when burned.
<b>Fire Hazards in Presence of Various Substances:</b>	Reactive with combustible materials, acids, and alkalis.
<b>Explosion Hazards in Presence of Various Substances:</b>	Not available.
<b>Risk of Explosion in Presence of Mechanical Impact:</b>	Not available.
<b>Fire Fighting Media and Instructions:</b>	Not available.
<b>Special Remarks on Fire Hazards:</b>	Not available.
<b>Special Remarks on Explosion Hazards:</b>	Not available.

**Section 6: Accidental Release Measure**

<b>Personal Protective Equipment Required:</b>	Splash proof eye protection, suitable protective clothing, impervious gloves.
<b>Emergency Procedures:</b>	Not available.
<b>Environmental Precautions:</b>	Not available.
<b>Small Spill Cleanup:</b>	Contain spill with acid compatible absorbent material and recover into drums. Wash spill area with water.
<b>Large Spill Cleanup:</b>	Contain spill with acid compatible absorbent material and recover into drums. Wash spill area with water.

**Section 7: Handling and Storage**

<b>Precautions for Safe Handling:</b>	Avoid contact with eyes, skin, clothing. Avoid breathing vapors, spray, mists.
<b>Safe Storage Conditions:</b>	Keep container tightly closed. Keep container in a cool, dry, well-ventilated area. Keep away from heat and direct sunlight.
<b>Storage Incompatibilities:</b>	Keep container tightly closed. Keep container in a cool, dry, well-ventilated area. Keep away from heat and direct sunlight.

**Section 8: Exposure Controls/Personal Protection****Control Parameters:**

PEL (TWA)	Not available.
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REL:	Not available.
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TLV (TWA)	Not available.
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IOELV:	Not available.
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**Engineering Controls:**

pH between 2-3 - Use Caution

**Personal Protection:**

Splash proof eye protection, suitable protective clothing, impervious gloves. NIOSH dust or mist if use generates fine mist or irritation.

**Personal Protection in the Event of a Large Spill:**

Splash proof eye protection, suitable protective clothing, impervious gloves.

**Section 9: Physical and Chemical Properties****Physical State and Appearance:**

Colored liquid.

**Taste:**

Not available.

**Molecular Weight:**

Not available.

**Color:**

Amber to medium brown.

**Odor:**

Slight to none.

**Odor Threshold:**

Not available.

**pH**

2.0 - 2.3

**Melting Point/Freezing Point:**

Not available.

**Boiling Point:**

Not available.

**Flash Point:**

Not available.

**Evaporation Rate:**

Not available.

**Flammability (solid, gas):**

Not available.

**Upper/Lower Flammability or Explosive Limits:**

Not available.

**Specific Gravity (kg/l):**

1.21

**Vapor Pressure:**

Not available.

**Vapor Density:**

Not available.

**Solubility (ies):**

Complete in water.

**Partition Coefficient (n-octanol/water):**

Not available.

**Autoignition Temperature:**

Not available.

**Decomposition Temperature:**

Not available.

**Section 10: Stability and Reactivity****Stability:**

Stable.

**Instability Temperature:**

Not available.

**Conditions of Instability:**

Not available.

**Special Remarks on Reactivity:**

Not available.

**Corrosivity:**

Not available.

**Polymerization:**

Will not occur.

**Incompatible Materials:**

Not available.

**Hazardous Decomposition Products:**

Not available.

**Section 11: Toxicological Information****Routes of Entry:**

Inhalation. Ingestion. Skin Contact.

**Toxicity to Animals:**

Not available.

<b>Acute Effects on Humans:</b>	Not available.
<b>Chronic Effects on Humans:</b>	Not available.
<b>Other Toxic Effects on Humans:</b>	Not available.
<b>Special Remarks on Toxicity to Animals:</b>	Not available.
<b>Special Remarks on Acute Effects on Humans:</b>	Not available.
<b>Special Remarks on Chronic Effects on Humans:</b>	Not available.
<b>Special Remarks on Other Toxic Effects on Humans:</b>	Not available.

### Section 12: Ecological Information

<b>Ecotoxicity:</b>	Not available.
<b>BOD 5 and COD:</b>	Not available.
<b>Products of Biodegradation:</b>	Not available.
<b>Persistence and Degradability:</b>	Not available.
<b>Mobility in Soil:</b>	Not available.
<b>Other Adverse Effects:</b>	Not available.

### Section 13: Disposal Considerations

**Waste Disposal:** Dispose of product in accordance with all applicable laws and regulations.

### Section 14: Transport Information

<b>DOT Classification:</b>	Not a DOT controlled material (United States).
<b>Identification:</b>	Not applicable.
<b>Special Provisions for Transport:</b>	Not applicable.

### Section 15: Other Regulatory Information

<b>Federal and State Regulations:</b>	Not available.
<b>Other Regulations:</b>	Not available.
<b>Other Classifications:</b>	Not available.
<b>WHMIS (Canada):</b>	Not available.
<b>DSCL (EEC):</b>	Not available.
<b>Protective Equipment:</b>	Splash proof eye protection, impervious gloves, protective clothing.

HMIS (U.S.A)	
<b>Health Hazard:</b>	2
<b>Fire Hazard</b>	0
<b>Reactivity:</b>	0
<b>Personal Protection:</b>	E

NFPA (U.S.A)	
<b>Health:</b>	2
<b>Flammability:</b>	0
<b>Reactivity:</b>	0
<b>Specific Hazard:</b>	N/A

### Section 16: Other Information

<b>References:</b>	The Sigma-Aldrich Library of Chemical Safety Data, Edition III
<b>Other Special Considerations:</b>	Not available.
<b>Created:</b>	1/26/12 0:00
<b>Last Update:</b>	8/7/14 9:50

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