

# Winfield Solutions, LLC

## Material Safety Data Sheet

FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:  
CHEMTREC 1-800-424-9300

### Section 1 – Chemical Product and Company Identification

Product Name: **AgriSolutions Liquid Organics Quick Cal**

Common Name: Calcium Chloride Solution, liquid

Chemical Description: Calcium Chloride Solution, liquid

Distributed by:

**RSA Microtech/WinField Solutions, LLC**

PO Box 64589

St Paul, Minnesota 55164-0589

Date Prepared: 02/04/08

Emergency Telephone Number:

**CHEMTREC 1-800-424-9300**

Telephone Number for Information:

1-800-426-5969

Revision Date: 03.30.09

### Section 2 – Composition Information on Ingredients

Ingredient	%	TLV or PEL
Calcium Chloride	32-33%	N/A

#### NFPA HAZARD RATING:

0	Least		
1	Slight	1	Health
2	Moderate	0	Flammability
3	High	0	Reactivity
4	Severe		

### Section 3 – Hazards Identification

**Emergency Overview:** Causes eye irritation, May cause skin irritation. May be harmful if swallowed. Slipping hazard. Product may cause oxygen deficiency in enclosed spaces, follow all OSHA regulations pertaining to enclosed space entry. See health effects below.

**CAUTION: Keep out of reach of children.**

**Route(s) of Entry:** Eyes, Inhalation, Skin and Ingestion

**Health Hazards (Acute and Chronic):**

**Inhalation:** Inhalation of mist may cause irritation of the upper respiratory tract.

**Eyes:** Irritation of eyes.

**Skin:** Contact may cause irritation. Prolonged or repeated exposure may lead to reddening of skin, rash, dermatitis or other skin reactions.

**Ingestion:** Harmful if swallowed.

**Carcinogenicity**      NTP: Not Listed      IARC: Not Listed      OSHA: Not Listed

**Medical Conditions Generally Aggravated by Exposure:**

None known.

### Section 4 – First Aid Measures

**Inhalation:** Remove person to fresh air and support breathing as needed. Seek medical attention if irritation persists.

**Ingestion:** Have a *conscious* person drink 1 to 2 glasses of water or milk to dilute. Seek medical attention or call a poison control center immediately.

**Eyes:** Flush with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. Seek medical attention if eye irritation persists.

**Skin:** Remove contaminated clothing and wash before re-using. Flush skin with water, then wash with soap and water. Seek medical attention if skin becomes irritated.

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

### **Section 5 – Fire and Explosion Hazard Data**

<b>Flash Point:</b> N/A	<b>Flammable Limits:</b> N/A	<b>LEL:</b> Not Established	<b>UEL:</b> Not Established
----------------------------	---------------------------------	--------------------------------	--------------------------------

**Extinguishing Media:** Materials suitable to surrounding fire.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and full protective clothing. Smoke and fumes from fire may contain hazardous components.

**Hazardous Combustion Products:** Toxic gases may be formed in a fire situation, carbon monoxide and other asphyxiates may form as well.

**Unusual Fire and Explosion Hazards:** If water is used to fight fire or cool containers, contain run-off by diking to prevent contamination to water supplies.

### **Section 6 – Accidental Release Measures**

**Small Spills:** Spilled material may cause a slipping hazard. Contain spills, absorb liquids by covering with clay or other absorbent material, vacuum, scoop or sweep up wastes and place in a container for disposal.

**Large Spills:** Contain spills, absorb liquids by covering with clay or other absorbent material, vacuum, scoop or sweep up wastes and place in a container for disposal.

**Containment:** Do not release into sewers or waterways. Dike spills to prevent contamination to water supplies. Contain spills, absorb liquids by covering with clay or other absorbent material, vacuum, scoop or sweep up wastes and place in a container for disposal.

### **Section 7 – Precautions for Safe Handling and Use**

**Precautions to Be taken in Handling and Storing:** Store in cool, dry places away from children, feed and food products. Immediately clean up spills that occur during handling or storage. Protect from freezing.

**Other Precautions:** Consult local, State and Federal regulations pertaining to storage and disposal.

### **Section 8 – Control Measures / Personal Protection**

**Respiratory Protection (*Specify Type*):** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/HIOSH-approved respirator.

**Ventilation:** **Local Exhaust:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred.

**Protective Gloves:** Wear chemically protective gloves

**Eye Protection:** Wear protective eyeglasses or chemical safety goggles. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Other Protective Clothing or Equipment:** Wear chemically protective boots, aprons and gauntlets to prevent prolonged or repeated skin contact.

**Work / Hygienic Practices:** Never eat, drink or smoke in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet or applying cosmetics.

### **Section 9 – Physical / Chemical Characteristics**

<b>Physical State:</b>	Liquid	<b>Specific Gravity (H<sub>2</sub>O=1)</b>	1.35
<b>Vapor Pressure (mm Hg.)</b>	N/A	<b>Approximate Density</b>	11.3 lb./gal
<b>Vapor Density (AIR=1)</b>	N/A		

**Solubility in Water:** Miscible

**Appearance and Odor:** Clear, liquid with slight odor.

### Section 10 – Reactivity Data

**Stability:** Normally stable.

**Chemical Incompatibilities:** Sulfuric Acid, avoid contact with brass, ferrous metals, mild steel.

**Conditions to avoid:** Avoid contact with water.

**Hazardous Decomposition Products:** None known, however, oxides of sulfur, nitrogen and other chemicals may be formed in a fire situation, carbon monoxide and other asphyxiates may form as well.

**Hazardous Polymerization:** Will not occur.

### Section 11 – Toxicological Information

**Eye Effects:** Irritation

**Chronic Effects:** No unusual chronic effects

**Skin Effects:** May cause irritation

**Carcinogenicity:** Not listed as carcinogenic

**Acute Inhalation Effects:** Not Determined

**Mutagenicity:** Not listed as mutagenic

**Acute Oral Effects:** Not Determined

**Teratogenicity:** Unknown

### Section 12 – Ecological Information

**Soil Absorption / Mobility:** Mobile in soil profile.

### Section 13 – Disposal Considerations

**Disposal:** Dispose of in an approved landfill or apply at recommended label rates.

**Disposal Regulatory Requirement:** Follow applicable Federal, State and local regulations.

### Section 14 – Transport Information

Not regulated by the DOT as a hazardous material.

### Section 15 – Regulatory Information

<b>SARA TITLE II HAZARD CATEGORY:</b>	Immediate: <b>Yes</b>	Delayed: <b>No</b>
Sudden Release of Pressure: <b>No</b>	Fire: <b>No</b>	Reactive: <b>No</b>

**CERCLA:** Not Listed.

**SARA, TITLE III, SECTION 313:** Not Listed.

**PROPOSITION 65: WARNING:** This product may contain chemicals known to the State of California to cause cancer and birth defects or reproductive harm.

### Section 16 – Other

**Disclaimer:** All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of this product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained therein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.