

**SECTION 1: IDENTIFICATION**

**Product Name:** Max-In™ Calcium 10%  
**Product ID/Unity #:** 1510577, 1510576  
**Common Name:** Liquid calcium fertilizer  
**Chemical Description:** Calcium chloride fertilizer  
**Recommended Uses:** Fertilizer product – See product label for full directions for use.  
**Restrictions for Use:** See product label for any potential restrictions on use.

**Manufactured for:**  
**WINFIELD SOLUTIONS, LLC**  
 P. O. Box 64589  
 St. Paul, MN 55164-0589, USA

**Initial Supplier:**  
**WINFIELD UNITED CANADA, ULC**  
 101-302 Wellman Lane  
 Saskatoon, Saskatchewan S7T-0J1, CAN  
 1-306-249-5112

**MEDICAL EMERGENCY TELEPHONE NUMBER:**  
 1-877-424-7452 (24hrs)

FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:  
 CHEMTREC 1-800-424-9300 (24 hours)

**SECTION 2: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** Clear viscous liquid. Causes mild but reversible eye irritation.

**POTENTIAL HEALTH EFFECTS:**

**Eyes:** Causes mild but reversible eye irritation.

**Skin:** Short term exposure is not anticipated to cause skin irritation. Long-term exposure may cause redness and irritation.

**Inhalation:** May cause minor irritation of the upper respiratory tract.

**Ingestion:** May cause gastric upset if swallowed.

**Preexisting Conditions:** None known

**Chronic Health Effects:** None known

<b>Carcinogenicity</b>	NTP: Not listed	IARC: Not listed	OSHA: Not listed
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**WHMIS 2015 CLASSIFICATION:** Eye Irritation Category 2B

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS:**

Causes eye irritation.

**Percent of product with unknown toxicity:** 0.1%

**PRECAUTIONARY STATEMENTS:**

**Prevention:** Wash hands thoroughly after handling.

**Response:** **If in eyes:** Rinse cautiously with water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Storage:** See Section 7 for storage information.

**Disposal:** See Section 13 for disposal information.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient	% (wt)	CAS Reg. #
Calcium chloride	27.56%	10043-52-4

See Section 8 for exposure limits.

**SECTION 4: FIRST AID MEASURES**

**Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.  
**Ingestion:** Seek medical attention or call a poison control center for treatment advice. Do not induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.  
**Eyes:** Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention if irritation persists.  
**Skin:** Remove contaminated clothing and wash before re-using. Flush skin with water and then wash with soap and water. Seek medical attention if irritation persists.

**SECTION 5: FIRE FIGHTING MEASURES**

**Suitable Extinguishing Media:** Carbon dioxide, dry chemical, water spray or foam

**Special Fire Fighting Procedures:** Wear NIOSH/MSHA approved self-contained breathing apparatus and full bunker gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Avoid breathing vapors; keep upwind.

**Hazardous Combustion Products:** Toxic chlorine compounds, oxides of carbon, nitrogen, and other chemicals may be formed in a fire situation. Carbon monoxide and other asphyxiates may form as well.

**Unusual Fire and Explosion Hazards:** Closed containers may explode from vapor expansion in high heat. Cool containers with water.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** Refer to Section 8 for personal protective equipment to be worn during containment and clean-up of a spill involving this product.

**Environmental Precautions:** Do not allow spilled product to enter sewers or waterways.

**Methods for Containment:** Contain spilled product by diking area with sand or earth.

**Methods for Clean-up:** Cover contained spill with an inert absorbent material such as sand, vermiculite or other appropriate material. Vacuum, scoop, or sweep up material and place in a container for disposal. Do not place spilled material back in original container.

**Other Information:** None known

**SECTION 7: HANDLING AND STORAGE**

**Handling:** Ensure adequate ventilation during handling and use. Immediately clean up spills that occur during handling. Keep containers closed when not in use. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**Storage:** Store in cool, dry areas away from children, food and feed products in an area away from incompatible substances. Ensure that storage area is secured. Protect packaging from physical damage. Protect from exposure to fire. Maintain product above minimum storage temperature. Do not store in aluminum or metal vessels.

**Minimum Storage Temperature:** 4°C (40°F)

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

Component:	OSHA PEL	ACGIH TLV	NIOSH REL
No components have an exposure limit			

**Respiratory Protection:** For most well-ventilated conditions, no respiratory protection should be needed. If airborne concentrations exceed exposure limits, use a NIOSH approved air-purifying respirator with cartridges/canisters approved for general particulates.

**Engineering Controls:** **Local Exhaust:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

**Protective Gloves:** Wear chemically protective gloves to prevent exposure to skin.

**Eye Protection:** To avoid contact with eyes, wear chemical safety goggles or safety glasses and full face shield. Contact lenses are not protective eye devices. An emergency eyewash or water supply should be readily accessible to the work area.

**Other Protective Clothing or Equipment:** Wear long-sleeve shirt, long pants and shoes plus socks to prevent skin contact.

**Work/Hygienic Practices:** Never eat, drink, nor use tobacco in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	Liquid	<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.30 (typical)
<b>Vapor Pressure (mm Hg):</b>	Not determined	<b>Melting Point/Freezing Point:</b>	Not determined
<b>Vapor Density (Air=1):</b>	Not determined	<b>Boiling Point/Range:</b>	Not determined
<b>Solubility in Water (wt %):</b>	Miscible	<b>pH:</b>	4.0
<b>Viscosity:</b>	Not determined	<b>Flash Point:</b>	Not determined
<b>Appearance and odor:</b>	Clear viscous liquid		

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** None known

**Chemical Stability:** Product is stable at ambient temperature and pressure, under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known

**Conditions to Avoid:** Avoid excessive heat and freezing temperatures.

**Incompatible Materials:** Strong bases and acids.

**Hazardous Decomposition Products:** Toxic chlorine compounds, oxides of carbon, nitrogen, and other chemicals may be formed in a fire situation. Carbon monoxide and other asphyxiates may form as well.

**SECTION 11: TOXICOLOGICAL INFORMATION****ACUTE TOXICITY**

**Eye Effects:** Causes mild but reversible eye irritation.

**Skin Effects:** May cause mild skin irritation. Estimated LD50 >6 g/kg

**Acute Inhalation Effects:** May cause minor irritation of the upper respiratory tract.

**Acute Oral Effects:** Estimated LD50 = 3,620 mg/kg

**Specific Target Organ Toxicity:** None known

**CHRONIC TOXICITY**

**Chronic Effects:** None known

**Carcinogenicity:** No component is anticipated to have carcinogenic effects.

**Mutagenicity:** No component is anticipated to have mutagenic effects.

**Teratogenicity:** No component is anticipated to have teratogenic effects.

**Reproductive Toxicity:** No component is anticipated to have effects on the reproductive system.

**POTENTIAL HEALTH EFFECTS:**

**Eyes:** Causes mild but reversible eye irritation.

**Skin:** Short term exposure is not anticipated to cause skin irritation. Long-term exposure may cause redness and irritation.

**Inhalation:** May cause minor irritation of the upper respiratory tract.

**Ingestion:** May cause gastric upset if swallowed.

**SECTION 12: ECOLOGICAL INFORMATION**

**ENVIRONMENTAL SUMMARY:** Not determined

**ECOTOXICITY DATA:**

**Fish Acute and Prolonged Toxicity:** Not determined

**Aquatic Invertebrate Acute Toxicity:** Not determined

**Aquatic Plant Toxicity:** Not determined

**Bird Acute and Prolonged Toxicity:** Not determined

**Honeybee Toxicity:** Not determined

**ENVIRONMENTAL EFFECTS:**

**Soil Absorption/Mobility:** Not determined

**Persistence and degradability:** Not determined

**Bioaccumulative Potential:** Not determined

**Other adverse effects:** Not determined

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste:** Dispose of in accordance with applicable Federal, provincial and local laws and regulations.

**Container:** Triple rinse and recycle the container or dispose of in accordance with Federal, provincial and local laws and regulations.

**SECTION 14: TRANSPORT INFORMATION**

**DOT (U.S.A. Ground):** Not regulated

**IMDG (Sea):** Not regulated

**IATA (Air) :** Not regulated

**TDG(Canada) :** Not regulated

**SECTION 15: REGULATORY INFORMATION****International Inventories**

**TSCA Inventory:** All components are listed on the TSCA inventory.

**Canadian Domestic Substances List:** All components are listed on the DSL.

**SECTION 16: OTHER INFORMATION**

NFPA HAZARD RATING	Health	2
	Flammability	0
	Reactivity	0
	4= Severe 3= High 2= Moderate 1= Slight 0= Least	

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**Revision Date:** September 11, 2017

**Supersedes document dated:** March 29, 2017

**Sections Revised:** 1