



# SELECT™ CAL-MAG

## SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### MANUFACTURED FOR:

**Albaugh, LLC**  
1525 NE 36<sup>th</sup> Street  
Ankeny, IA 50021  
800-247-8013

**PRODUCT NAME:** SELECT™ Cal-Mag  
**CHEMICAL NAME:** Liquid chemical fertilizer  
**CHEMICAL DESCRIPTION:** Fertilizer solution derived from Calcium Nitrate and boric acid.

**In Case of Emergency:** Call CHEMTREC 800-424-9300  
**Date of Revision:** 10/17/16

### 2. HAZARDS IDENTIFICATION SUMMARY

**Hazard Classification:** Skin irritant, Category 2  
Eye irritant, Category 2A

**Signal Word:** "WARNING"

#### Hazard Statements:

H315-Causes skin irritation  
H320-Causes eye irritation  
H335-May cause respiratory irritation  
H333-May be harmful if inhaled  
H303-May be harmful if swallowed

#### Precautionary Statements:

(PREVENTION)

P260-Do not breathe mist/vapors/spray  
P264-Wash thoroughly after handling  
P270-Do not eat, drink or smoke when using this product  
P271-Use only outdoors in a well-ventilated area  
P273-Avoid release to the environment  
P280-Wear protective gloves / eye protection / face protection

(RESPONSE)

P301+P312- If swallowed, call a POISON CENTER or doctor if you feel unwell

P330-Rinse mouth

P302+P352-IF ON SKIN wash with plenty of soap and water

P305+P351+P338-IN IN EYES rinse cautiously with water for 20 minutes, remove contact lenses and continue rinsing

P337+P313-If eye irritation persists, get medical advice / attention

P362+P364-Take off contaminated clothing

#### Precautionary Statements, Storage:

P403+P233-Store in a well-ventilated place. Keep container tightly closed.

P501-Dispose of container in accordance with local regulations



### 3. INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage of Weight:</u>	<u>CAS No.</u>
Calcium Nitrate	37%	10124-37-5
Magnesium Nitrate	29%	10377-60-3



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## 4. FIRST AID MEASURES

- If in eyes:** Rinse eyes with plenty of running water for at least 15 minutes. Get medical attention if irritation persists.
- If on skin:** Wash with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.
- If swallowed:** If conscious and alert administer water or milk to dilute, then induce vomiting. Call Poison Control Center or physician immediately. Do not give anything by mouth to an unconscious person.
- If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth and get medical attention.

## 5. FIRE FIGHTING MEASURES

- FLASH POINT (°F/Test Method):** Does not flash
- FLAMMABLE LIMITS (LFL & UFL):** Not available
- EXTINGUISHING MEDIA:** Foam, carbon dioxide, dry chemical, or water fog
- HAZARDOUS COMBUSTION PRODUCTS:** Not known.
- SPECIAL FIRE FIGHTING PROCEDURES:** Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.

## 6. ACCIDENTAL RELEASE MEASURES

- CONTAINMENT:** Prevent product spillage from entering drinking water supplies or streams
- CLEAN UP:** Collect liquid or absorb onto absorbent material and package for disposal.
- EVACUATION:** Not necessary.

## 7. HANDLING AND STORAGE

- STORAGE:** Store in original container only in a cool, well-ventilated, dry place at temperatures between 40 and 95°F. Do not store near food or feeds. Do not stack pallets more than two high.
- TRANSFER EQUIPMENT:** Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
- WORK/HYGIENIC PRACTICES:** Keep out of reach of children. Harmful if swallowed. Avoid breathing spray mists or vapors. Avoid contamination of feed or foodstuffs. After using this product remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- EYE PROTECTION:** Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
- RESPIRATORY PROTECTION:** Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH- approved dust/mist respirator (such as 3M #8710).
- SKIN PROTECTION:** Impervious gloves and clothes.
- VENTILATION:** Recommended but no TLV established.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE AND ODOR:</b>	Liquid with no discernable odor	<b>DENSITY:</b>	11.4 lbs./gal
<b>WATER SOLUBILITY:</b>	Soluble	<b>SPECIFIC GRAVITY:</b>	1.367
<b>pH:</b>	Not determined		
<b>BOILING POINT:</b>	Not available.	<b>FREEZING POINT:</b>	32°F
<b>VAPOR PRESSURE:</b>	None	<b>EVAPORATION DATE:</b>	Not established
<b>PERCENT VOLATILE (by volume):</b>	Not applicable		

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

## 10. POTENTIAL HEALTH EFFECTS

### Acute Effects:

<b>Eyes:</b>	May cause temporary eye irritation
<b>Skin:</b>	May cause slight irritation, especially from prolonged exposure. May cause redness
<b>Ingestion:</b>	May cause stomach cramps and/ or nausea.
<b>Inhalation:</b>	None expected but inhalation may cause mild irritation of nasal mucous membranes.
<b>Subchronic Effects:</b>	None known.
<b>Chronic Effects:</b>	None know.

## 11. STABILITY AND REACTIVITY

**STABILITY:** Stable.

**INCOMPATIBILITY:** Not available.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Burning may result in formation of carbon monoxide fumes.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 12. ECOLOGICAL INFORMATION

<b>Algal/Lemna Growth Inhibition:</b>	Not known.
<b>Toxicity to Fish and Invertebrates:</b>	Not known.
<b>Toxicity to Plants:</b>	Not known.
<b>Toxicity to Birds:</b>	Not known.

## 13. DISPOSAL CONSIDERATIONS

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents in accordance with state and local waste disposal regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

## 14. TRANSPORT INFORMATION

<b>DOT Shipping Description:</b>	NOT REGULATED BY USDOT.
<b>U.S. Surface Freight Classification:</b>	FERTILIZING COMPOUNDS (MANUFACTURED FERTILIZERS), NOI; LIQUID (NMFC 68140, SUB 6; CLASS 70)



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<b>15. REGULATORY INFORMATION</b>
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**CERCLA:** None

**SARA TITLE III SECTION 313 Toxic Chemicals:** None.

<b>16. OTHER</b>
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