

# Safety Data Sheet

(OSHA) 29 CFR 1910.1200



## 1. IDENTIFICATION

**Trade Name/Synonyms:** Agri-Cal, Super-Cal  
**Producer:** Agri-Gro Marketing, Inc.  
**Address:** HC 4 Box 333  
**City, State and Zip Code:** Doniphan MO 63935  
**Telephone:** 573-996-7384  
**FAX:** 573-996-4769  
**Recommended Uses:** agricultural soil and foliage treatment  
**Restrictions on Use:** None

## 2. HAZARD IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

Classification of the substance or mixture

Classification according to 29 CFR 1910.1200

Eye Irritation	Category 2B	H320
Acute Toxicity (Dermal)	Category 5	H313
Acute Toxicity (Oral)	Category 5	H303

Label Elements

Signal Word:	WARNING
Hazard Statement:	H320 - Causes eye irritation H313 - May be harmful in contact with skin H302 - Harmful if swallowed
Precautionary Statement: (general)	P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P103 - Read label before use.
Precautionary Statement: (Prevention)	P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. P262 - Do not get in eyes, on skin, or on clothing. P281 - Use personal protective equipment as required P235 + P410 - Keep cool. Protect from sunlight
Precautionary Statement: (Response)	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for 15 to 20 minutes.

	Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice/attention. P302 + P352 - IF ON SKIN: Wash with plenty of soap and water for 15 to 20 minutes.
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### 3. COMPOSITION OF PRODUCT

Chemical Name	CAS#	% Concentration
Calcium Chloride	10043-52-4	10.00
Boric Acid	10043-35-3	0.05
Zinc Sulfate, monohydrate	7446-19-7	0.05

### 4. FIRST AID

**GENERAL** Non-hazardous material. If irritation or discomfort occurs, seek medical advice from a physician

**EYE CONTACT** Immediately flush eyes with plenty of water for 10 minutes or as long as necessary. Keep eyes wide open while flushing. Seek medical attention if irritation persists.

**SKIN CONTACT** Wash with mild soap and water. Seek medical attention if discomfort occurs.

**INHALATION** Do not intentionally breathe vapors. Ventilate the area well and go to open space.

**INGESTION** Drink plenty of water or milk. Seek medical attention if discomfort occurs.

### 5. FIRE FIGHTING MEASURES

**FLASH POINT** Not Applicable

**FLAMMABLE LIMITS** Not Applicable

**SUITABLE EXTINGUISHING EQUIPMENT** Use extinguishing media appropriate for surrounding fire.

**FIRE AND EXPLOSION HAZARDS** Non-flammable. Non-explosive

### 6. ACCIDENTAL RELEASE MEASURES

**SAFETY MEASUREMENTS TO PROTECT PERSONS** Wear suitable protective clothing, gloves and eye protection.

**PROPER METHODS FOR DAMAGE LIMITATION AND CLEANUP** Wear suitable protective clothing, gloves and eye protection.

### 7. HANDLING AND STORAGE

**Storage Recommendations** Avoid freezing but store in a cool place and out of direct sunlight. Diluting product with water will shorten shelf life.

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

**Exposure Control** Eyewash facilities should be available.

**Exposure Limits** No data available

**Respiration Protection** none required during normal handling

**EYE PROTECTION** Eye protection should be worn when handling due to temporary staining.

**HAND PROTECTION** Gloves should be worn when handling due to temporary staining.

**SKIN PROTECTION** No special personal protection required under conditions of intended use. In the event of a bulk spill, wear appropriate protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark Liquid
Color	Dark Brown
Odor	earthy citric
Solubility	100%
Melting Point/Range	NA
Expl. Limit LEL-UEL. %-%	NA
Vapor Pressure	Not determined
Decomposition Temp.	Not determined
pH Value	6.3
Flash Point	NA
Molecular Weight	Not determined
Ignition Temp	Not determined
Flammability	Non flammable
Upper/Low Flammability Limits	Non flammable
Decomposition temp	NA
Rel. Vapor Density (air =1)	not determined
Air Reactive	Non-applicable
Percent volatile	NA
Bulk density	11.06 lbs/gal
Solubility in water	100% at 20°C
Saturation Conc.	10%
Rel. density sat. air ( air =1)	not determined
Boiling point/range	100°C
pH concentrate	6.3
Viscosity	Not determined
Smelling limits lo-hi	Not determined
Rel. evap. Velocity	1.0 atm
Water reactive	will dilute

## 10. STABILITY AND REACTIVITY

**Reactivity** This product is stable and does not decompose under normal use and storage.

**Chemical Stability** Stable under usual work conditions.

**Conditions to Avoid** Excessive heat or freezing

**Hazardous Decomposition Products** If spilled, area will be slick, clean up to avoid slips, trips and falls. Staining may also occur.

## 11. TOXICOLOGICAL INFORMATION

**ROUTES OF EXPOSURE** Can be an irritant for the skin. Can be an irritant for the eyes. Can be an irritant for the mouth and digestive tract if ingested.

**TOXICOLOGICAL EFFECTS** Under normal conditions of use, no health effects are expected.

**ACUTE TOXICITY** Does not pose any toxicological hazard.

## 12. ECOLOGICAL INFORMATION

**BREAKDOWN** Biodegradable organic substance. Product presents a minimal environmental impact.

**ECOTOXICITY** Plant nutritional supplement and growth stimulant, high concentrations may cause burn of plants. Nontoxic to marine algae, vertebrates or invertebrates.

## 13. DISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Product must be disposed of according to Federal, State, or local procedures.

## 14. TRANSPORT INFORMATION

**GENERAL** Non-hazardous materials according to transport regulations. No special precautions are necessary.

## 15. REGULATORY INFORMATION

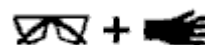
**REFERENCES** The product is not dangerous and requires no special labels.

## 16. OTHER INFORMATION / WARRANTY / DISCLAIMER

Revised 21-Dec-15

Prepared By Tim

<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>



**Health Hazard** 1 Irritation or minor reversible injury possible

**Flammability** 0 Materials that will not burn

**Reactivity** 0 Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

**Personal Protection** B Safety Glasses + Gloves



### Disclaimer

HMIS Ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on MSDS's by OSHA's CFR 1910.1200, we choose to provide them as a service to our customers using HMIS. These ratings are to be used only with a fully implemented HMIS program. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

NPCA recommends that employers must determine appropriate PPE for the actual conditions under which this product is used in their workplace. For information on PPE codes, consult the HMIS Implementation Manual.

When two ratings are provided for Health, the first represents the material 'as supplied,' and the second represents the material 'in use.'

### Other Information

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### VENDOR NOTES

Every endeavor has been made to ensure that the information contained in this SDS leaflet is reliable, but we cannot accept liability for any loss, injury or damage, which may result from its use or misuse. Data given in this SDS is solely for the guidance in safe handling and use of the product by customers; they do not form part of any specification. If difficulties arise, we shall be glad to discuss them. Customers are encouraged to conduct their own tests following discussion with our technical department. The above information is based on experience, but it is always advisable for customers to satisfy themselves, by consultation with our technical department and small-scale testing if necessary, that product, which they have selected, is suitable for their purpose under their conditions of use.