



**THE ANDERSONS  
SAFETY DATA SHEET**

DATE PREPARED: 12/06/21

CURRENT AS OF: 1/7/22

**SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION**

PRODUCT CODE: 10007477

PRODUCT NAME: CAL-MAG B PRO

PRODUCT USE: Fertilizer

MFR INFO: The Andersons, Inc.  
PO Box 119  
Maumee, OH 43537

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

**SECTION 2: HAZARDS IDENTIFICATION**

HAZARD SYMBOLS / STATEMENTS:



**DANGER** CAUSES SERIOUS EYE DAMAGE. HARMFUL IF SWALLOWED. MAY INTENSIFY FIRE;  
OXIDIZER.

HAZARD CLASSIFICATIONS:

*EYE CORROSION*

*ACUTE TOXICITY, ORAL*

*OXIDIZING LIQUID*

CATEGORY

1

4

3

INTERPRETATION

Causes serious eye damage

Harmful if swallowed

May intensify fire; oxidizer

PRECAUTIONARY STATEMENTS:

- *STORE LOCKED UP*
- *KEEP AWAY FROM HEAT*
- *TAKE ANY PRECAUTIONS TO AVOID MIXING WITH COMBUSTIBLES*
- *WEAR PROTECTIVE GLOVES AND CLOTHING*
- *REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE*
- *DO NOT BREATHE VAPORS/MISTS*
- *IF INHALED: MOVE TO FRESH AIR AND KEEP COMFORTABLE. SEEK MEDICAL ATTENTION IF UNWELL*
- *USE ONLY OUTDOORS OR IN WELL-VENTILATED AREA*
- *CALL POISON CONTROL OR SEEK MEDICAL ATTENTION IF YOU FEEL UNWELL*
- *WASH THOROUGHLY AFTER HANDLING*
- *DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT*
- *IF SWALLOWED: RINSE MOUTH AND SEEK MEDICAL ATTENTION*
- *IF IN EYES OR ON SKIN: RINSE AREA WITH PLENTY OF WATER, REMOVE CONTACT LENSES*
- *IF EYE OR SKIN IRRITATION CONTINUES: SEEK MEDICAL ATTENTION*

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

<b><u>CHEMICAL IDENTITY</u></b>	<b><u>SYNONYM</u></b>	<b><u>CAS NUMBER</u></b>	<b><u>CONCENTRATION (%)</u></b>
Calcium Nitrate Tetrahydrate Solution		13477-34-4	10-20

*The specific chemical identity and exact percentage of composition has been withheld as a trade secret and complies with requirements set forth in 29CFR 1910.1200(i) Trade Secrets.*

**SECTION 4: FIRST AID MEASURES**

IF INHALED:	Move to fresh air and keep comfortable, seek medical attention if unwell.
IF ON SKIN:	Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.
IF IN THE EYES:	Immediately flush with water for 15-20 minutes, remove contact lenses if present and easy to do – continue rinsing and seek medical attention.
IF SWALLOWED:	Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Call POISON CONTROL and seek medical attention.
SPECIAL TREATMENT:	None known
HEALTH HAZARDS:	See Section 11

**SECTION 5: FIREFIGHTING MEASURES**

EXTINGUISHING MEDIA:	Use media suitable for surrounding fire. No special media required.
SPECIFIC FIRE HAZARDS:	When heated to decomposition, this product will emit toxic oxides of nitrogen and calcium.
SPECIAL FIREFIGHTING PROCEDURES:	Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA).

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

SPILL / RELEASE PROCEDURES:	Remove ignition and heat sources. Contain material and place in containers for use as intended, or discard according to Federal, State and Local regulations.
ENVIRONMENTAL PRECAUTIONS:	Prevent spilled material from entering storm drains or water bodies. If material enters a waterway, notify the appropriate authorities.
PROTECTIVE EQUIPMENT:	Wear PPE according to Section 8

**SECTION 7: HANDLING AND STORAGE**

Wash hands after handling material. Do not eat, drink or smoke while handling the material. Do not get in eyes or on skin. Do not breathe vapors/mists. Not intended for human consumption. Store in a cool, dry, well-ventilated area away from incompatible materials, heat and sources of ignition.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

<u>HAZARDOUS COMPONENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Liquid fertilizer blend	Not available	Not available

PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

RESPIRATORY PROTECTION:	NIOSH approved respirator, if required
EYE PROTECTION:	Safety glasses with sideshields, goggles, or faceshield
SKIN PROTECTION:	Appropriate for the task. Impervious and compatible with material
VENTILATION:	Use with adequate ventilation

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR:	Clear liquid with no appreciable odor
pH:	~5.40
MELTING POINT:	Not applicable
BOILING POINT:	Not available
FLASH POINT:	Not flammable
EVAPORATION RATE:	Not available
FLAMMABLE LIMITS:	Not applicable
VAPOR PRESSURE:	Not available
VAPOR DENSITY:	Not available
SPECIFIC GRAVITY:	~1.231
SOLUBILITY (IN WATER):	Soluble
PARTITION COEFFICIENT:	Not available
AUTOIGNITION TEMP:	Not available
DECOMPOSITION TEMP:	Not available
ODOR THRESHOLD:	Not available
VISCOSITY:	Not available

**SECTION 10: STABILITY AND REACTIVITY**

STABILITY:	Stable under normal conditions of use and storage.
CONDITIONS TO AVOID:	Heat
INCOMPATIBILITY:	Water reactive materials
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic oxides of nitrogen and calcium.

**SECTION 11: TOXICOLOGICAL INFORMATION**

HEALTH EFFECTS:	Causes serious eye damage. Harmful if swallowed.
CARCINOGENICITY:	None of the ingredients are known / listed carcinogens.
<u>INGREDIENT TOXICITY RANGES:</u>	

ORAL: > 300 mg/kg (calcium nitrate tetrahydrate)

**SECTION 12: ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects. Long term degradation products may arise. Products of degradation are not expected to be hazardous.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Use product for intended purpose where possible. Dispose of in accordance with all national, regional / state, and local regulations.

**SECTION 14: TRANSPORT INFORMATION**

This product is not regulated as a transportation hazard.

**SECTION 15: REGULATORY INFORMATION**

SARA 311/312	ACUTE, REACTIVE
SARA 313	Nitrate Compounds (water dissociable)
RIGHT-TO-KNOW:	Calcium Nitrate Tetrahydrate (NJ, PA)

**SECTION 16: OTHER INFORMATION**

NFPA RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	1

HMIS RATINGS:	HEALTH	2
	FLAMMABILITY	0
	INSTABILITY	1

PREPARED BY: DBA EHS Consulting

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