



Marco NPK  
SAFETY DATA SHEET

DATE PREPARED: 12/23/24

CURRENT AS OF: 1/7/25

**SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION**

PRODUCT CODE:

PRODUCT NAME: MARCO CALCIUM PLUS

PRODUCT USE: Fertilizer

MFR INFO:

FOR EMERGENCY: (800) 424-9300

FOR INFORMATION: (217) 935-5963

**SECTION 2: HAZARDS IDENTIFICATION**

HAZARD SYMBOLS / STATEMENTS: This material is not considered hazardous

HAZARD CLASSIFICATIONS:

*NOT CLASSIFIED*

CATEGORY

INTERPRETATION

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

| <u>CHEMICAL IDENTITY</u> | <u>SYNONYM</u> | <u>CAS NUMBER</u> | <u>CONCENTRATION (%)</u> |
|--------------------------|----------------|-------------------|--------------------------|
| Glycine                  |                | 56-40-6           | 00-10                    |
| Potassium Sorbate        |                | 24634-61-5        | 00-10                    |
| Rocima 586               |                | 26172-55-4        | 00-10                    |
| Calcium Silicate         |                | 1344-95-2         | 00-10                    |
| Calcium Carbonate        |                | 471-34-1          | 20-30                    |

**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. Seek medical attention if irritation persists.

IF SWALLOWED: Rinse mouth. DO NOT INDUCE VOMITING unless directed by a medical professional. Seek medical attention if unwell.

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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/fumes.

SPECIAL FIREFIGHTING PROCEDURES: Wear full protective clothing and positive-pressure self-contained breathing apparatus (SCBA).

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

SPILL / RELEASE PROCEDURES: 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. Avoid breathing vapors/mists. Not intended for human consumption. Do not store with food or feedstuffs. Store in a cool, dry, well-ventilated area away from incompatible materials.

**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. Currently, the other constituents have no known exposure limits.

| <u>HAZARDOUS COMPONENT</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|----------------------------|-----------------|------------------|
| Dry 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: White solution with no appreciable odor

pH: ~ 8.70

MELTING POINT: Not applicable

BOILING POINT: Not available

**MARCO Calcium Plus**

|                        |                |
|------------------------|----------------|
| FLASH POINT:           | Not flammable  |
| EVAPORATION RATE:      | Not available  |
| FLAMMABLE LIMITS:      | Not applicable |
| VAPOR PRESSURE:        | Not available  |
| VAPOR DENSITY:         | Not available  |
| SPECIFIC GRAVITY:      | ~ 1.403        |
| 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:                        | Product is stable.                           |
| CONDITIONS TO AVOID:              | Heat   |
| INCOMPATIBILITY:                  | Strong bases, oxidizers, and metal nitrates. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Toxic oxides/fumes.                          |

**SECTION 11: TOXICOLOGICAL INFORMATION**

|                                    |   |
|------------------------------------|---|
| HEALTH EFFECTS:                    | Not considered hazardous                                |
| CARCINOGENICITY:                   | None of the ingredients are known / listed carcinogens. |
| <u>INGREDIENT TOXICITY RANGES:</u> | No data available                                       |

**SECTION 12: ECOLOGICAL INFORMATION**

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:        | No requirement |
| SARA 313:            | No requirement |
| REPORTABLE QUANTITY: | No requirement |
| RIGHT-TO-KNOW:       | No requirement |
| CA PROP-65:          | No requirement |

**SECTION 16: OTHER INFORMATION**

**MARCO Calcium Plus**

|               |              |   |
|---------------|--------------|---|
| NFPA RATINGS: | HEALTH       | 0 |
|               | FLAMMABILITY | 0 |
|               | INSTABILITY  | 0 |
| HMIS RATINGS: | HEALTH       | 0 |
|               | FLAMMABILITY | 0 |
|               | INSTABILITY  | 0 |

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