

## SAFETY DATA SHEET

### SECTION 1 – IDENTIFICATION

Product name:	<b>Cal Armor</b>
Synonyms:	None
Product use:	Plant nutrition enhancer
Product restrictions:	Not for human or animal consumption
Manufacturer name:	Nutrient Technologies, Inc.
Address:	1092 E. Kamm Ave., Dinuba, CA 93618
General phone number:	(559) 595-8090
Transportation emergency #:	CHEMTREC: 800-424-9300

### SECTION 2 – HAZARD(S) IDENTIFICATION

Signal word:	Warning
GHS Class:	The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.
Hazard statements:	Not a hazardous substance or mixture.

#### Precautionary Statements

Prevention:	Wear eye/face protection
Response:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or if irritation persists, seek medical attention.
Disposal:	Dispose of contents and container and any contaminated materials in accordance with current regulations.

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component:	Proprietary solution containing plant nutrients derived from potassium hydroxide and organic matter of vegetal origin.
CAS Number:	CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret. OSHA Hazard Communication 29 CFR 1910.1200
Weight %	100%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section.

## SECTION 4 – FIRST AID MEASURES

Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms/irritation persist.
Skin contact:	Wash contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse.
Inhalation:	If inhaled, remove to fresh air. Obtain medical attention immediately if breathing becomes difficult.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice if symptoms occur.

## SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media:	Suitable media includes: Dry chemical, CO2, foam, water spray. Unsuitable extinguishing media: Unknown
Specific hazards arising from the chemical:	None
Protective equipment:	None
Further Information:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains or surface water.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions:	Ensure adequate ventilation. Use personal protective equipment. Avoid contact with eyes or skin.
Environmental precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for containment:	Stop leak if without risk. Move containers from spill area. Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite.
Methods for cleanup:	Contain the spilled material by bunding. Do not allow to enter drains or water courses. Never return spills to original containers for re-use. Dispose of in accordance with local regulations.

## SECTION 7 – HANDLING and STORAGE

Precautions for handling:	Read label before use. Apply this product only as specified on the label. Avoid contact with skin and eyes. Do not expose particularly sensitive persons at risk. Wear personal protective equipment. Observe the label precautions. Do not eat, drink or smoke when using this product. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.
Precautions for storage:	Store in original container. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep away from heat, sparks and flame. Store locked up. Keep container tightly sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Store between the following temperatures: 35 - 95°F.

## SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Occupational exposure limits:	Contains no substances with occupational exposure limit values.
Appropriate engineering controls:	Provide sufficient ventilation during operations which cause vapour formation. Ensure that eyewash stations are close to workstation.
Personal protective equipment:	Eye contact should be prevented through the use of safety glass with side-shields. Wear suitable protective clothing

## SECTION 9 – PHYSICAL and CHEMICAL PROPERTIES

Form/appearance:	Liquid, brown
Odor:	Characteristic
Odor threshold:	No data available
Boiling point:	NA
Melting point/Freezing point:	NA/0° C
Flash point:	NA
Flammability:	Not determined
Density:	1.181
Solubility:	Soluble in water
Vapor density:	Not determined
Vapor pressure	Not determined
Evaporation rate:	0.4 (water)
pH:	5.8-6.0
Viscosity:	20 cP(25°C)
Partition coefficient: (n-octanol/water)	Not applicable

## SECTION 10 – STABILITY and REACTIVITY

Chemical stability:	Stable under recommended storage conditions.
Hazardous Polymerization:	None known
Conditions to avoid:	None known
Incompatible materials:	Strong oxidizing agents.

## SECTION 11 – TOXICOLOGICAL INFORMATION

Based on existing data, the classification criteria are deemed not to have been met.

Acute Toxicity (Oral LD50): >2000 mg/kg. The product does not have to be classified.

Acute Toxicity (Dermal LD50): The product does not have to be classified.

Acute Toxicity Inhalation LC50: The product does not have to be classified.

### Likely routes of exposure:

Skin irritation:	May cause slight irritation.
Eye irritation:	May cause slight irritation.
Skin sensitization:	No known significant effects or critical hazards.
Carcinogenic:	No known significant effects or critical hazards.
Chronic effects:	No known significant effects or critical hazards.
Other hazards:	None known

## SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity:

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Algae		72 h	EC50	87 - 100 mg/l			similar component product
Fish		96 h	LC50	128 mg/l			similar component product

12.2. Persistence and degradability Partially biodegradeable

12.3. Bioaccumulative potential No bioaccumulation expected

12.4. Mobility in soil Solubility in water: Completely miscible

## SECTION 13 – DISPOSAL CONSIDERATIONS

Waste disposal: Follow disposal instructions on label. Do not contaminate water, food, or feed by storage or disposal. Disposal should be in accordance with applicable regional, national and local laws and regulations.

## SECTION 14 – TRANSPORT INFORMATION

UN transport shipping name:	Not regulated
Transport hazard class:	Not applicable
UN Identification number:	Not regulated
Packing group:	Not applicable
IATA Shipping name:	Not applicable

## SECTION 15 – REGULATORY INFORMATION

15.1 - Safety, health and environmental regulations/legislation specific for the substance or mixture

Proprietary ingredients:	Not regulated
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NFPA ratings:	Health hazard: 0
	Flammability: 0
	Instability: 0

## SECTION 16 – ADDITIONAL INFORMATION

HMIS rating:

SDS revision date:	May 20, 2025
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