

ALTERCEL™

EPA Registration Number: 62097-21-59807
1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
ALTERCEL™
Other Means
of Identification: EPA registration number 62097-21-59807

Distributed by: OHP, Inc.
PO Box 746
Bluffton, SC 29910-0746

Telephone: 800-356-4647

Emergency Phone Number: Chemtrec
1-800-424-9300 (24 hours)

Recommended Use: Plant growth regulator for use on ornamentals

Restrictions on Use: Keep out of reach of children

then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice / attention.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.

Symptoms/
Effects: Acute: No available information.
Delayed: No available information.

Indication of immediate medical attention and special treatment needed, if necessary: No available information.

2. HAZARD(S) IDENTIFICATION

(This product is not classified as hazardous as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):

Class/Category: Not Classified

Route of Exposure: Most likely exposure routes are dermal and oral.

Hazards Not
Otherwise Classified: None known

Signal word: None

Symbol(s): None

Hazard Statements: None assigned

Precautionary Statements: Prevention: None assigned
Response: None assigned
Storage: None assigned
Disposal: None assigned

3. COMPOSITION: (Components classified as hazardous under 29 CFR 1910.1200)

This product contains the following components classified as hazardous under 29 CFR 1910.1200

CAS number:	Component:	Percent:
999-81-5	Chlormequat chloride	11.8%
68515-73-1	C8/C10 alkylpolyglucoside	5.1%
65-85-0	Benzoic acid	0.41%

The remainder of the mixture is not required to be disclosed by 29 CFR 1910.1200.

4. FIRST AID MEASURES
Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance,

5. FIRE FIGHTING MEASURES:
Extinguishing Media:
Suitable: Water mist, CO2, foam or dry chemical

Unsuitable: High power water jet

Specific Hazards Arising from the chemical: Avoid inhalation of combustion products. High temperature decomposition would be expected to liberate hydrogen chloride and alkylamines.

Protective Equipment and Precautions for Firefighters: Wear full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:
Personal Precautions, Protective
Equipment and Emergency Procedures:

Refer to Section 8 "Exposure controls/personal protection"

Methods for Containment and Clean-Up:

Clean up spill immediately. Absorb spill with inert material (such as dry sand or earth), then place in a chemical waste container. Wash area with soap and water. Pick up wash liquid with additional absorbent and place in a chemical waste container.

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

See also Section 13. Disposal Considerations.

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7. HANDLING AND STORAGE:
Precautions for Safe Handling:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Conditions for Safe Storage:

Do not contaminate water, food or feed by storage or disposal. Keep containers tightly closed when not in use. Store in cool, dry place. Protect from temperatures below 32°F. This product may freeze. If freezing should occur, thaw and shake gently to mix the product. Do not store diluted product. Store in original container. Do not store below freezing temperatures.

See also Section 10. Stability and Reactivity.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:
Component Exposure Limits:

Substance	OSHA PEL		Cal/ OSHA PEL	NIOSH REL	ACGIH TLV
	ppm	Mg/m3	8-hr TWA (ST) STEL (C) Ceiling	Up to 10 hr TW (ST) STEL (C) Ceiling A	8-hr TWA (ST) STEL (C) Ceiling
No listed components	-	-	-	-	-
Appropriate Engineering Controls:	No applicable information available.				
Personal Protective Equipment:	Eyes/Face: Skin: Respiratory:	No applicable information available. Long-sleeved shirt and long pants. Shoes plus socks. No applicable information available.			

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Clear liquid with very pale straw color

Odor: Soapy

Odor Threshold: No data available

pH: 4.22

**Melting Point/
Freezing Point:** No data available

Boiling Point: >212°F (100°C)

Flash Point: Does not flash

Evaporation Rate: No data available

Flammability/Limits: Not flammable
LFL: not applicable
UFL: not applicable

Vapor Pressure: No data available

Vapor Density: No data available

Relative Density: 1.025 g/ml
at 68°F (20°C)

Solubility (H₂O): Miscible

Partition Coefficient: No data available

Auto-Ignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: Between 1.1 and 2.0 cSt at 68°F

10. CHEMICAL STABILITY AND REACTIVITY INFORMATION:

Reactivity: No applicable information available

Chemical Stability: Stable in original containers for at least 2 years at ambient temperatures. (40-70°F)

Possibility of Hazardous Reactions: No applicable information available

Conditions to Avoid: Excessive heat.
Do not store at temperatures below 32°F.

Incompatible Materials: No applicable information available

Hazardous Decomposition Products: No applicable information available

11. TOXICOLOGICAL INFORMATION:

Likely Routes of Exposure: Most likely exposure by Dermal or oral route

Symptoms: Inhalation: No data available
Eye: Non-irritant
Skin: Non-irritant
Ingestion: No data available

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Acute Toxicity: Oral: LD₅₀ Rat
2,000-5,000 mg/kg
(EPA category III)

Inhalation: LC₅₀
Rat >5.0 mg/l
(EPA category IV)

Dermal: LD₅₀
Rat >5,000 mg/kg
(EPA category IV)

Skin Corrosion/Irritation: Non-irritant

Serious Eye Damage/Eye Irritation: Non-irritant

Sensitization: Non-sensitizing

Germ Cell Mutagenicity: No data available

Carcinogenicity: None of the components of this product are listed as carcinogens by NTP, IARC or OSHA.

Reproductive/Developmental Toxicity: No data available.

Specific Target Organ Toxicity: Single Exposure:
No data available

Repeated Exposure:
No data available

12. ECOLOGICAL INFORMATION:
Ecotoxicity:

Species	Exposure Time	LC50/EC50/IC50
Fish (Mirror Carp Rainbow Trout)	96 hr	LC ₅₀ >100 mg/l
Daphnia	48 hr	EC ₅₀ >16.9 mg/l
Algae	72 hr	EC ₅₀ >100 mg/L
Bees – This product is non-toxic to bees	48 hr	LD ₅₀ >2250 mg/kg

Persistence and Degradability: In soil the material is quickly degraded by microbial activity. It had no influence on soil microflora or fauna.

Bioaccumulation Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: None known

13. DISPOSAL CONSIDERATIONS:

Disposal Instructions: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container disposal: 5 gallons or less: Non-refillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times.

Greater than 5 gallons: Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORT INFORMATION:

UN Proper Shipping Name: Not applicable

Hazard Class: Not applicable

UN Number: Not applicable

Packaging Group: Not applicable

Marine Pollutant: Not applicable

NMFC number/class: 101685/065 Plant growth inhibitor, modifier or regulator, NOIBN

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15. REGULATORY INFORMATION:
SARA: No reportable components

CERCLA: Chlomequat Chloride –
Sect.302 TPQ 100/10000, Sect.304 RQ 100. Benzoic acid
– CERCLA RQ 5000.

TSCA:

All components of this product are either listed or are exempt on the TSCA inventory. The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:

None

Component Analysis – State:

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Chlomequat Chloride	999-81-5	-	-	-	✓	-	-
Benzoic Acid	65-85-0	✓	-	-	✓	✓	-
California Prop 65:	No component listed						

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label.

EPA signal word: **CAUTION**

Classifications under 40 CFR 156.63 are given in sections 9 and 11 where applicable

Precautionary Statements:
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Pictograms/Symbols: . . . None

16. OTHER INFORMATION:

OHP, Inc. warrants that this Product conforms to the specifications on this label. To the extent consistent with applicable law, OHP, Inc. makes no other warranties and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. No agent of OHP, Inc. or any other person is authorized to make any representation or warranty beyond those contained herein.

It is impossible to eliminate all risks associated with this Product. Plant injury, lack of performance, or other unintended consequences may result because of factors such as abnormal weather conditions, use of the Product other than in strict accordance with this label's instructions, presence of other materials, the manner of application or other factors, all of which are beyond the control of OHP, Inc. or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

To the extent consistent with applicable law: 1) OHP, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the handling or use of this Product and 2) OHP, Inc's liability under this label shall be limited to the amount of the purchase price or, at the election of OHP, Inc., the free replacement of the Product.

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