Coastal AgroBusiness, Inc.

# Safety Data Sheet

# Co-Phite

SDS Number: 10484
SDS Prepared: 04/24/2020
SDS Version: 1.1
Version Date: 07/15/2025

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Co-Phite

**EPA REGISTRATION NUMBER:** Not applicable

**Manufactured by:**
Coastal AgroBusiness, Inc.
PO Box 856
Greenville, NC 27835
Phone: 1-800-635-1388

**Emergency Telephone Numbers**
Chemtrec (24 hours)
1-800-424-9300
Coastal AgroBusiness, Inc. (Weekdays – Eastern Standard Time)
1-800-635-1388

## 2. HAZARDS IDENTIFICATION SUMMARY

**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**
**GHS-US Classification**
Acute Toxicity - Oral 4 H302
**LABEL ELEMENTS**
**GHS-US Labeling**
**Hazard Pictogram (GHS-US)**



GHS07
**SIGNAL WORD (GHS-US)**
WARNING
**HAZARD STATEMENTS (GHS-US)**
H302 - Harmful if swallowed.
**PRECAUTIONARY STATEMENTS (GHS-US)**
P102 - Keep out of reach of children.
P203 - Obtain, read, and follow all safety instructions before use.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink, or smoke when using this product.
P301+P330+P310 - IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Ingredients: | Percentage by Weight: | CAS No. |
|---|---|---|
| Phosphorus acid | 30-40% | 13598-36-2 |
| Potassium hydroxide | 20-30% | 1310-58-3 |

## 4. FIRST AID MEASURES

**EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.

**SKIN:** Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.

**INGESTION:** Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. Call a POISON CENTER or doctor/physician if you feel unwell.

**INHALATION:** Remove victim to fresh air and keep them at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

## 5. FIRE FIGHTING MEASURES

| | |
|---|---|
| **FLASH POINT (°F/Test Method):** | Not determined |
| **FLAMMABLE LIMITS (LFL & UFL):** | Not determined |
| **EXTINGUISHING MEDIA:** | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| **HAZARDOUS COMBUSTION PRODUCTS:** | None known |
| **SPECIAL FIRE FIGHTING PROCEDURES:** | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. |
| **UNUSUAL FIRE AND EXPLOSION HAZARDS:** | Product is not flammable or combustible. |

## 6. ACCIDENTAL RELEASE MEASURES

**CONTAINMENT:** Prevent further leakage or spillage if safe to do so. Soak up and contain the spill with an inert (i.e., vermiculite, dry sand, or earth) absorbent material.

**CLEAN-UP:** Sweep up absorbed material and shovel it into suitable containers for disposal. Flush the spill area with water. For waste disposal, see section 13 of the SOS.

## 7. HANDLING AND STORAGE

**HANDLING:** Wash face, hands, and other exposed areas thoroughly after handling. Do not eat, drink, or smoke when using this product. Avoid contact with skin, eyes, or clothing.

**STORAGE:** Keep container tightly closed and store in a cool, dry, and well-ventilated place. Store away from combustible materials, herbicides, and fungicides.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|---|---|
| **PERMISSIBLE EXPOSURE LIMIT:** | Not determined |
| **SIGNS AND SYMPTOMS OF EXPOSURE:** | May cause irritation to the eyes, skin, gastrointestinal system, and respiratory system. |
| **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** | None determined |
| **PRIMARY ROUTES OF ENTRY:** | Dermal, inhalation, and ingestion |
| **ENGINEERING CONTROLS:** | Apply technical measures to comply with the occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas. |
| **RESPIRATORY PROTECTION:** | Use NIOSH-approved respiratory protection such as a full-face mask. |
| **EYE PROTECTION:** | Goggles. Refer to 29 CFR 1910.133 for eye and face protection. |
| **SKIN PROTECTION:** | Rubber gloves. Long-sleeved shirt and long pants. Refer to 29 CFR 1910.138 for appropriate skin and body protection. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **COLOR AND PHYSICAL STATE:** | Clear liquid |
| **ODOR:** | Not determined |
| **SPECIFIC GRAVITY (Water=1):** | 1.50 - 1.54 |
| **VAPOR PRESSURE:** | Not determined |
| **VAPOR DENSITY (Air = 1):** | Not determined |

| | |
|---|---|
| **% VOLATILITY (V/V):** | Not determined |
| **BOILING POINT:** | >212˚F (100˚C) |
| **MELTING POINT:** | Not determined |
| **SOLUBILITY:** | Soluble |
| **pH:** | 7.0 - 7.5 |
| **VISCOSITY @ 68°F (20°C):** | Not determined |

Note: These physical data are typical values based on material tested, but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

## 10. STABILITY AND REACTIVITY

| | |
|---|---|
| **STABILITY:** | Stable under recommended storage conditions. |
| **CONDITIONS TO AVOID:** | Keep out of reach of children. |
| **INCOMPATIBILITY:** | Strong bases and oxidizing agents. |
| **REACTIVITY:** | Not reactive under normal conditions. |
| **HAZARDOUS DECOMPOSITION PRODUCTS:** | Phosphorus oxides and ammonia. |
| **HAZARDOUS POLYMERIZATION:** | Will not occur. |

## 11. TOXICOLOGICAL INFORMATION

| | |
|---|---|
| **ACUTE ORAL $LD_{50}$:** | Not available |
| **ACUTE DERMAL $LD_{50}$:** | Not available |
| **ACUTE INHALATION $LC_{50}$:** | Not available |
| **EYE IRRITATION:** | May cause minor irritation |
| **CARCINOGENIC POTENTIAL:** | None listed in OSHA, NTP, IARC, or ACGIH. |
| **SKIN IRRITATION/SENSITIZATION:** | May cause minor irritation. No evidence of sensitizing potential. |
| **RESPIRATORY IRRITATION:** | May cause minor irritation. |

## 12. ECOLOGICAL INFORMATION

| | |
|---|---|
| **TOXICOLOGY** | |
| **Ecology - General** | Not established |
| **PERSISTENCE AND DEGRADABILITY** | |
| **Persistence and Degradability** | Not established |
| **BIOACCUMULATIVE POTENTIAL** | |
| **Bioaccumulative Potential** | Not established |
| **MOBILITY IN SOIL** | No additional information available |
| **OTHER ADVERSE EFFECTS** | |
| **Other Information** | Avoid release to the environment. |

## 13. DISPOSAL CONSIDERATIONS

| | |
|---|---|
| **DISPOSAL OF WASTES AND CONTAMINATED PACKAGING:** | Disposal should be in accordance with all applicable federal, state, and local regulations. |
| **California Hazardous Waste Status:** | This product contains one or more substances that are listed with the State of California as hazardous waste. |
| **Chemical Name (CAS No.):** | Potassium hydroxide (1210-58-3) |
| **California Hazardous Waste Status:** | Toxic<br>Corrosive |

## 14. TRANSPORTATION INFORMATION

**D.O.T. Shipping Description:** NOT REGULATED BY DOT HIGHWAY.

**Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.**

## 15. REGULATORY INFORMATION

| | |
|---|---|
| **CERCLA:** | This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302). |
| **Chemical Name:** | Potassium hydroxide (1210-58-3) |
| **Hazardous Substances RQs:** | 1000 lbs. |
| **Reportable Quantity (RQ):** | RQ 1000 lbs. final RQ<br>RQ 454 kg final RQ |
| **SARA 313:** | Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals that are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 37 2. |
| **CWA (Clean Water Act):** | This product contains the following substances, which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42) |
| **Chemical Name:** | Potassium hydroxide (1210-58-3) |
| **CWA Reportable Quantities:** | 1000 lbs. |
| **CWA Hazardous Substances:** | X |
| **CA Proposition 65:** | This product does not contain any Proposition 65 chemicals. |

## 16. OTHER INFORMATION

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|---|---|
| **SDS STATUS:** | Updated |
| **REASON FOR CHANGE:** | Updated Technical Information |
| **PREPARED BY:** | Emma Simpson, Product Development Specialist - Chemist |

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