

Coastal AgroBusiness, Inc.

Safety Data Sheet**Co-Phite**

SDS Number: 10484
 SDS Prepared: 4/24/2020
 SDS Version: 1.0
 Version Date: 4/24/2020

1. PRODUCT AND COMPANY IDENTIFICATION**PRODUCT NAME:** Co-Phite**EPA REGISTRATION NUMBER:** Not Regulated**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

KEEP OUT OF REACH OF CHILDREN – CAUTION – Avoid contact with eyes, skin, and clothing. May be harmful if swallowed or inhaled. Do not take internally.

EMERGENCY OVERVIEW**Hazard Statements:**

H302 – Harmful if swallowed

GHS Label elements, including precautionary statements**Signal Word – “WARNING”****Precautionary Statement(s):**

P264 - Wash face and hands thoroughly after handling.
 P270 – Do not eat, drink or smoke when using this product

Response Statement(s):

P301+P330+P331 – IF SWALLOWED: Rinse mouth, immediately call a poison center/doctor.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

CHEMICAL	CAS NUMBER	% BY WEIGHT
Phosphorous acid	13598-36-2	30-40
Potassium hydroxide	1310-58-3	20-30

4. FIRST AID MEASURES

INHALATION: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

EYES: IF IN 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: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Get medical attention if irritation occurs.

INGESTION: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a poison center or doctor/physician if you feel unwell.

Most important symptoms and effects

SYMPTOMS: May cause irritation to the eyes, skin, gastrointestinal, and respiratory systems

Indications of any immediate medical attention and special treatment needed

NOTES TO PHYSICIAN: Treat symptomatically

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment..

NON-SUITABLE EXTINGUISHING MEDIA: Not determined

SPECIFIC EXPOSURE HAZARDS: Product is not flammable or combustible.

PROTECTIVE EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

PERSONAL PRECAUTIONS: Wear protective clothing as described in Section 8 of this safety data sheet

ENVIRONMENTAL PRECAUTIONS: See Section 12 for additional Ecological Information

Methods and material for containment and cleaning up

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

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

7. HANDLING AND STORAGE

SAFE HANDLING: Wash face, hands and any exposed skin 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.

INCOMPATIBLE MATERIALS Strong bases. Strong oxidizing agents

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

APPROPRIATE 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.

CONTROLS: EYE/FACE PROTECTION: Goggles. Refer to 29 CFR 1910.133 for eye and face protection regulations.

SKIN PROTECTION: Rubber gloves. Long sleeve shirt and long pants. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

RESPIRATORY PROTECTION: Use NIOSH approved respiratory protection such as full face mask

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid

ODOR:	Not determined
ODOR THRESHOLD:	Not determined
pH:	7.0-7.5
MELTING POINT/FREEZING POINT:	Not applicable
INITIAL BOILING POINT AND BOILING RANGE:	>100 °C / > 212 °F
FLASH POINT:	Not available
EVAPORATION RATE:	Not available
FLAMMABILITY (SOLID, GAS):	Not available
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	Not available
VAPOR PRESSURE:	Not available
VAPOR DENSITY:	Not available
RELATIVE DENSITY:	Not available
SPECIFIC GRAVITY:	1.50-1.54
SOLUBILITY:	Soluble
PARTIAL COEFFICIENT	
n-octanol/water:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

10. STABILITY AND REACTIVITY

REACTIVITY	Not reactive under normal conditions.
INCOMPATIBILITY:	Strong bases. Strong oxidizing agents.
CHEMICAL STABILITY:	Stable under recommended storage conditions.
INCOMPATIBLE MATERIALS:	Strong bases. Strong oxidizing agents.
CONDITIONS TO AVOID:	Keep out of reach of children.
HAZARDOUS DECOMPOSITION PRODUCTS:	Phosphorus oxides. Ammonia

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE	Eye contact, skin contact, ingestion, inhalation
SYMPTOMS:	
Immediate:	May cause irritation to the eyes, skin, mucus membranes, and the upper respiratory tract
Delayed:	Not available
Acute toxicity:	Not available
Eye Irritation:	May cause minor irritation
Skin Irritation:	May cause minor irritation
Respiratory Irritation:	May cause minor irritation
Sensitivity towards product:	There is no evidence of sensitizing potential
Germ Cell mutagenicity:	Not available
Reproductive toxicity:	Not available
Carcinogenicity:	Not classified as a carcinogen by IARC, OSHA, or NTP

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Harmful to aquatic life with long lasting effects
PERSISTENCE AND DEGRADABILITY:	Not determined
BIOACCUMULATIVE POTENTIAL:	Not determined
MOBILITY IN SOIL:	Not available
OTHER ADVERSE EFFECTS:	Not determined

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTES

Disposal should be in accordance to all applicable federal, state, and local regulations.

CONTAMINATED PACKAGING

Disposal should be in accordance to 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 a hazardous waste.

Chemical Name

Potassium hydroxide
1310-58-3

California Hazardous Waste Status

Toxic
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
1310-58-3

Hazardous Substances RQs

1000 lb

Reportable Quantity (RQ)

RQ 1000 lb final RQ
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 which 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

CWA Reportable Quantities

1000 lb

CWA Hazardous Substances

X

California Proposition 65

This product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

SDS STATUS:

New

REASON FOR CHANGE:

New product

PREPARED BY:

Tandy O. Dunn, Director of Health, Safety & Environmental Affairs

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Co-Phite