

Safety Data Sheet

Citriphase

SDS Number: 11700
 SDS Prepared: 02/24/2006
 SDS Version: 3.0
 Version Date: 09/11/2013

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Citriphase

EPA REGISTRATION NUMBER: Not applicable

Manufactured by:

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

Emergency Telephone Numbers

Chemtec (24 hours)
 1800-424-9300
 Coastal AgroBusiness, Inc. (Weekdays – Eastern Standard Time)
 1-800-635-1388

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN

This product is a colorless liquid.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (units)</u>
2-Hydroxy-1,2,3 Propanetricarboxylic Acid and other acidifying/buffering agents	99.5%	Mixture	NOL/NOL
Inert ingredients	0.5%		NOL/NOL

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least fifteen minutes, holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention.

SKIN: Remove contaminated clothing and wash with large amounts of soap and water. If irritation develops, contact a physician.

INGESTION: Dilute by drinking 2 glasses of water or absorb by eating bread.. If sickening feeling persists, induce vomiting.

INHALATION: Remove victim to fresh air. If cough or other respiratory symptoms develop, consult medical personnel.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): Not applicable

FLAMMABLE LIMITS (LFL & UFL): Not applicable

EXTINGUISHING MEDIA: Non-combustible product; use extinguishing media for underlying cause of fire

HAZARDOUS COMBUSTION PRODUCTS: None known

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained positive pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Clear fire area of unprotected personnel. Cool fire exposed containers with water. Attack from upwind.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Rags and other materials containing this material may heat and spontaneously ignite if exposed to air. Store wiping rags and similar material

in metal cans with tight fitting lids. Avoid use of water in extinguishing fires.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Small Spills: Soak up with absorbent material, shovel into a suitable container for recovery or disposal. Transfer material from leaking containers into other containers suitable for storage of this product and label the material.

Large Spills: Dike and contain spill with inert material (e.g., sand, earth). Squeegee or pump liquid into holding container for reuse or recovery. Soak up remainder with absorbent material. Scoop or shovel solid material into a suitable container for recovery or disposal. Avoid run-off into storm sewers and ditches which lead to natural waterways. Remove contaminate clothing promptly and wash affected skin area with soap and water.

CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes. Wash thoroughly after handling. Avoid prolonged or repeated breathing of vapors. Avoid prolonged or repeated contact with skin.

STORAGE: Store under normal conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THRESHOLD LIMIT VALUE: NOL

PERMISSIBLE EXPOSURE LIMIT: NOL

SIGNS AND SYMPTOMS OF EXPOSURE: No adverse health effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None determined

PRIMARY ROUTES OF ENTRY: Inhalation, absorption

ENGINEERING CONTROLS: Use adequate exhaust ventilation to control exposure.

RESPIRATORY PROTECTION: None required with adequate ventilation. Use NIOSH-approved respiratory protection equipment if misty conditions exist.

EYE PROTECTION: Avoid contact with eyes. Wear full face shield or chemical splash goggles when handling. Do not wear contact lenses.

SKIN PROTECTION: Avoid contact with skin. USDA accepted nitrile or neoprene rubber gloves are recommended. Wear appropriate clothing to prevent repeated or prolonged skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND COLOR: Colorless liquid

SPECIFIC GRAVITY: (Water=1): Not determined

VAPOR PRESSURE: Not determined

PERCENT VOLATILE (by volume): Not determined

BULK DENSITY:: Not determined

BOILING POINT: Not determined

EVAPORATION RATE: Not determined

SOLUBILITY: Not determined

pH: 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

CONDITIONS TO AVOID: Extreme heat

INCOMPATIBILITY: None.
HAZARDOUS DECOMPOSITION PRODUCTS: None
HAZARDOUS POLYMERIZATION: Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD₅₀: >15 g/kg
EYE IRRITATION: Moderate to Severe
INHALATION LC₅₀: Not determined
CARCINOGENETIC POTENTIAL: None listed in OSHA, NTP, IARC or ACGIH
ACUTE DERMAL LD₅₀: >2 g/kg
SKIN IRRITATION/SENSITIZATION: Moderate

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Place in trash or offer for recycling. Incinerate contaminated solids in accordance with local, state, and federal regulations.

Waste Disposal Methods: This product is not a hazardous waste under RCRA. Waste or recovery material from this product may be disposed of on site or in an approved sanitary landfill facility. Dispose of in accordance with Federal, State and Local regulations. Triple rinse containers or equivalent, puncture and dispose of accordingly.

14. TRANSPORTATION INFORMATION

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

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

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:	<u>NFPA</u>	<u>HMIS</u>
	0 Health	0 Health
	1 Flammability	1 Flammability
	0 Reactivity	0 Reactivity
		C PPE

**SARA Hazard Notification/Reporting
SARA Title III Hazard Category:**

Immediate:	<u>N</u>	Fire:	<u>N</u>
Delayed:	<u>N</u>	Reactive:	<u>N</u>
Sudden Release of Pressure:	<u>N</u>		

**Reportable Quantity (RQ) under U.S.
CERCLA:**

Not listed

SARA, Title III, Section 313:

Not listed

SARA, Title III, Section 302:

EHS

None

TPQ

10,000 lbs

RCRA Waste Code:

Not listed

CA Proposition 65:

Not listed

16. OTHER INFORMATION

SDS STATUS: Updated
REASON FOR CHANGE: To meet new regulatory requirements

PREPARED BY:

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

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The logo for CitripHase, featuring the word "Citrip" in orange and "Hase" in green, both in a bold, italicized sans-serif font.