

## Safety Data Sheet

# Advance Concentrate

SDS Number: 10024  
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SDS Version: 4.2  
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## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Advance Concentrate  
**CHEMICAL NAME:** Polyhydroxy carboxylic and aliphatic carboxylic acids  
**CHEMICAL FAMILY:** Aqueous Organic Salt Solution  
**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-** Harmful if swallowed, inhaled, or absorbed through skin. Material is destructive to tissue of the mucous membranes and the upper respiratory tract, eyes and skin. Inhalation may be fatal as a result of spasm, inflammation and edema of the larynx and bronchi, chemical pneumonitis and pulmonary edema. Do not take internally.

This product is a pale clear liquid with a slight, mild, mostly odorless smell. Primary routes of entry are Inhalation, eye contact and skin contact.

### GHS Label elements, including precautionary statements/

#### EMERGENCY OVERVIEW

**Hazard Statements**

H315 – Causes skin irritation  
H320 – causes eye irritation

### GHS Label elements, including precautionary statements

**GHS Classification (29 CFR 1910.1200)**

Skin Irritation (Category 2)  
Eye Irritation (Category 2B)

**Signal Word – “WARNING”**

**Precautionary Statement(s):**

P264 - Wash face, hands and any exposed skin thoroughly after handling  
P280 - Wear protective gloves/protective clothing/eye protecting/face protection  
P302/352 – IF ON SKIN: Wash with plenty of water  
P332/313 – If irritation occurs: get medical advice/attention  
P305/351/338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.  
P337/313 - If eye irritation persists: get medical advice/attention.  
P362/364 - Take off contaminated clothing and wash it before reuse.



**Precautionary Statements - Disposal**

P501 - Dispose of contents/ container to an approved waste disposal sites

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (units)</u>
Proprietary blend of natural mono- and di-carboxylic acids, polyhydroxy carboxylic acid and 2-hydroxy-1,2,3-propanetricarboxylic acid	45%	Mixture	10MG/M#
Inert ingredients	55%	N/A	N/A

**4. FIRST AID MEASURES**

<b>EYES:</b>	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.
<b>SKIN:</b>	Remove contaminated clothing and wash with large amounts of soap and water. If irritation develops, contact a physician.
<b>INGESTION:</b>	DO NOT INDUCE VOMITING. If vomiting occurs naturally, reduce the risk of aspiration by leaning their body forward. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.
<b>INHALATION:</b>	Remove person from area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if qualified operator is available. Seek immediate medical attention

**5. FIRE FIGHTING MEASURES**

<b>FLASH POINT (°F/Test Method):</b>	Non-Combustible
<b>FLAMMABLE LIMITS (LFL &amp; UFL):</b>	Not applicable
<b>EXTINGUISHING MEDIA:</b>	Non-combustible product; use extinguishing media for underlying cause of fire
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	None known
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	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.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Product generates toxic and irritating fumes under fire conditions.

**6. ACCIDENTAL RELEASE MEASURES****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

**Small releases:** Soak up with absorbent and sweep or shovel into a suitable container for recovery or disposal.

**Large releases:** Control and contain. Dike the spill to minimize contaminated area and facilitate salvage or disposal. Recover material for use, reprocessing or disposal.

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

**7. HANDLING AND STORAGE**

<b>HANDLING:</b>	Avoid contact with eyes. Use only in a well-ventilated area. Wash thoroughly after handling. Avoid prolonged or repeated breathing of vapors. Avoid prolonged or repeated contact with skin.
<b>STORAGE:</b>	Store in well-ventilated areas. Do not store combustibles in the area of storage vessels. Keep away from sources of heat or flame. Store totes and smaller containers out of direct sunlight at moderate temperatures less than 105°F/40.5°C but greater than 0°F/-17.8°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>THRESHOLD LIMIT VALUE: PERMISSIBLE EXPOSURE LIMIT:</b>	NOL NOL
<b>SIGNS AND SYMPTOMS OF EXPOSURE:</b>	Irritation of the skin and eyes. Contact with eyes is painful and irritating.
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:</b>	Preexisting eye and skin disorders may be aggravated by exposure to this product. Unnecessary exposure to this product or any chemical should be avoided.
<b>PRIMARY ROUTES OF ENTRY:</b>	Dermal
<b>ENGINEERING CONTROLS: RESPIRATORY PROTECTION:</b>	Use adequate exhaust ventilation to prevent inhalation of product vapors. None required with adequate ventilation. Use NIOSH-approved respiratory protection equipment if misty conditions exist.
<b>EYE PROTECTION:</b>	Avoid contact with eyes. Wear full face shield or chemical splash goggles when handling. Do not wear contact lenses.
<b>SKIN PROTECTION:</b>	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

<b>APPEARANCE AND COLOR:</b>	Pale clear liquid
<b>SPECIFIC GRAVITY: (Water=1):</b>	Not established
<b>VAPOR PRESSURE:</b>	Not established
<b>PERCENT VOLATILE (by volume):</b>	Not applicable
<b>BULK DENSITY:</b>	1.2 g/cc
<b>BOILING POINT:</b>	Not established
<b>EVAPORATION RATE:</b>	Not established
<b>SOLUBILITY:</b>	Not established
<b>pH:</b>	1.5 - 2.5

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

<b>STABILITY:</b>	Stable
<b>CONDITIONS TO AVOID:</b>	None currently known
<b>INCOMPATIBILITY:</b>	Product may react to strong oxidizing agents
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	May produce toxic fumes of carbon monoxide, carbon dioxide
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

<b>ACUTE ORAL LD<sub>50</sub>:</b>	No data available
<b>EYE IRRITATION:</b>	Causes eye irritation
<b>INHALATION LC<sub>50</sub>:</b>	No data available
<b>CARCINOGENETIC POTENTIAL:</b>	None listed in OSHA, NTP, IARC or ACGIH
<b>ACUTE DERMAL LD<sub>50</sub>:</b>	No data available
<b>SKIN IRRITATION/SENSITIZATION:</b>	Causes skin irritation

## 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:** Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all Federal, State, and Local environmental regulations.

### 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:**

**NFPA**

2 Health  
0 Flammability  
0 Reactivity

**HMIS**

2 Health  
0 Flammability  
0 Reactivity  
C PPE

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

Immediate: Y

Delayed: N

Sudden Release of Pressure: N

Not listed

Fire: N

Reactive: N

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

**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:**

Updated technical information

**PREPARED BY:**

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