

Safety Data Sheet

Advance Concentrate

SDS Number: 10024
SDS Prepared: 02/20/2004
SDS Version: 4.4
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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

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS-US Classification

Skin Irritant 2 H315
Eye Irritant 2B H320

LABEL ELEMENTS

GHS-US Labeling

Hazard Pictogram (GHS-US)



GHS07

SIGNAL WORD (GHS-US)

WARNING

HAZARD STATEMENTS (GHS-US)

H315 - Causes skin irritation.
H320 - Causes eye irritation.

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.
P280 - Wear protective gloves, protective clothing, and eye protection.
P303+P353 - IF ON SKIN (or hair): Rinse skin with water [or shower].
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV</u>
Proprietary blend of natural mono- and di-carboxylic acids, polyhydroxy carboxylic acid, and 2-hydroxy-1,2,3-propanetricarboxylic acid	40%	Mixture	10 mg/m ³
Inert ingredients	Balance	N/A	N/A

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. Do not let victim rub eyes. Seek medical attention.
SKIN:	Remove contaminated clothing and wash with large amounts of soap and water. If irritation develops, contact a physician.
INGESTION:	Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
INHALATION:	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

FLASH POINT (°F/Test Method):	Non-combustible
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:	Product generates toxic and irritating fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS:	Soak up with absorbent, sweep or shovel into a suitable container for disposal.
LARGE SPILLS:	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

HANDLING:	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.
STORAGE:	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

PERMISSIBLE EXPOSURE LIMIT:	NOL
SIGNS AND SYMPTOMS OF EXPOSURE:	Irritation of the skin and eyes. Contact with eyes is painful and irritating.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	Preexisting eye and skin disorders may be aggravated by exposure to this product. Unnecessary exposure to this product or any chemical should be avoided.
PRIMARY ROUTES OF ENTRY:	Dermal
ENGINEERING CONTROLS:	Use adequate exhaust ventilation to prevent inhalation of product vapors.

RESPIRATORY PROTECTION:	None required with adequate ventilation. Use NIOSH-approved respiratory protection equipment if misty conditions exist.
EYE PROTECTION:	Avoid contact with eyes. Wear a 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

COLOR AND PHYSICAL STATE:	Pale clear liquid
ODOR:	Mild, mostly odorless
SPECIFIC GRAVITY (Water=1):	Not established
VAPOR PRESSURE:	Not established
VAPOR DENSITY (Air = 1):	Not established
% VOLATILITY (V/V):	Not applicable
BOILING POINT:	Not established
MELTING POINT:	Not established
SOLUBILITY:	Not established
pH:	1.5 - 2.5
BULK DENSITY:	1.2 cp

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:	None currently known.
INCOMPATIBILITY:	Product may react to strong oxidizing agents.
REACTIVITY:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	May produce toxic fumes of carbon oxides.
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD₅₀:	No data available.
ACUTE DERMAL LD₅₀:	No data available.
ACUTE INHALATION LC₅₀:	No data available.
EYE IRRITATION:	Causes eye irritation.
CARCINOGENIC POTENTIAL:	None listed in OSHA, NTP, IARC, or ACGIH.
SKIN IRRITATION/SENSITIZATION:	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/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
C PPE
0 Reactivity

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

Immediate: Y Fire: N Sudden Release of Pressure: N
Delayed: N Reactive: N
Not listed

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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