Coastal AgroBusiness, Inc.

Safety Data Sheet

SDS Number: 11004
SDS Prepared: 08/01/2017
SDS Version: 2.2
Version Date: 2/23/2026

Isolate

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Isolate

CHEMICAL NAME: Sodium salts of polyacrylic and hydroxy carboxylic acids

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

Acute Toxicity – Oral 5	H303
Skin Irritant 2	H315
Eye Irritant 2A	H319

LABEL ELEMENTS

GHS-US Labeling

Hazard Pictogram (GHS-US)



GHS07

SIGNAL WORD (GHS-US)

WARNING

HAZARD STATEMENTS (GHS-US)

H303 - May be harmful if swallowed.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.

PRECAUTIONARY STATEMENTS (GHS-US)

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.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P330 - Rinse mouth.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for 20 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.
P402 - Store in a dry place.

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.
Proprietary blend of sodium salts of polyacrylic and hydroxy carboxylic acids	50%	Proprietary

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 itching and redness persist, seek medical attention.

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 a qualified operator is available. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (◦F/Test Method): >212°F (100°C)

FLAMMABLE LIMITS (LFL & UFL): Not available

EXTINGUISHING MEDIA: Water spray, foam, dry chemical, CO_2.

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: None known

6. ACCIDENTAL RELEASE MEASURES

SPILL AND CLEAN-UP: Contain material by diking the area around the spill. If the product is in a solid form, shovel directly into recovery drums. If the product is a liquid, it should be picked up using a suitable absorbent material, then shoveled into recovery drums.

7. HANDLING AND STORAGE

HANDLING: No special requirements.

INCOMPATIBLE OR SEGREGATION: If this chemical is being stored around hazardous material, ensure that each chemical is compatible with each other by following the segregation practices that are set in place by the local, state, and federal regulating offices.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERMISSIBLE EXPOSURE LIMIT: No data available.

SIGNS AND SYMPTOMS OF EXPOSURE: Overexposure may cause gastrointestinal irritation, diarrhea, nausea, vomiting if ingested; excessive watering, redness, and stinging of eyes; and may cause itching and redness similar to a rash on the skin.

PRIMARY ROUTES OF ENTRY: Ingestion, eyes, and dermal

ENGINEERING CONTROLS: Eye wash and safety shower in the work area. Ensure adequate ventilation, especially in confined areas.

RESPIRATORY PROTECTION: The use of NIOSH-approved respiratory protection may be needed if working in a poorly ventilated area.

EYE PROTECTION: Avoid contact with eyes. This chemical requires the use of chemical protective goggles that meet ANSI/ISEA standards when handling this product. Wash thoroughly after handling.

SKIN PROTECTION: This chemical requires the use of chemical-resistant gloves that meet ANSI/ISEA standards, and is necessary when handling this product. Avoid contact with skin or clothing. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND PHYSICAL STATE:	Yellowish liquid
ODOR:	Characteristic
ODOR THRESHOLD:	Not determined
SPECIFIC GRAVITY (Water=1):	1.24
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (Air = 1):	Not determined
RELATIVE DENSITY:	Not determined
% ACTIVITY:	35%
BOILING POINT:	200°F (93.3°C)
MELTING POINT:	Not determined
FLASH POINT:	212°F (100°C)
FLAMMABILITY:	Not determined
AUTO IGNITION TEMPERATURE:	Not determined
DECOMPOSITION TEMPERATURE:	Not determined
EXPLOSIVE LIMITS:	Not determined
PARTITION COEFFICIENT:	Not determined
EVAPORATION RATE:	Not determined
SOLUBILITY:	Complete
pH:	6.0 - 9.0
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
INCOMPATIBILITY:	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS:	None known
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD_{50}:	May be harmful if swallowed.
ACUTE DERMAL LD_{50}:	No data available.
ACUTE INHALATION LC_{50}:	No data available.
EYE IRRITATION:	Causes serious eye irritation.
CARCINOGENIC POTENTIAL:	This product is not carcinogenic, teratogenic, or mutagenic as determined by OSHA, NTP, or IARC.
SKIN IRRITATION/SENSITIZATION:	Causes skin irritation.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:	Consult local, state, and federal regulations before disposing of this material.
SPILL:	If material is released into the environment, the user should determine whether the spill should be reported to the appropriate local, state, and federal authorities.

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		HMIS	
2	Health	0 Reactivity	2 Health	0 Reactivity
0	Flammability		0 Flammability	B PPE

SARA Hazard Notification/Reporting
SARA Title III Hazard Category: Immediate: Y Fire: N Sudden Release of Pressure: N
Delayed: N Reactive: N
SARA, Title III, Section 313: Contains no chemical subject to SARA 313.
TSCA Registered: Yes
TSCA 5(a) SNUR: No

16. OTHER INFORMATION

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

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ISOLATE
NON-AMS WATER CONDITIONING AGENT