Coastal AgroBusiness, Inc.

Safety Data Sheet

SDS Number: 11296
SDS Prepared: 1/31/2022
SDS Version: 1.1
Version Date: 07/15/2025

N-Rage

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: N-Rage

CHEMICAL NAME: Calcium Polymer Blend

EPA REGISTRATION NUMBER: Not Applicable

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

Eye Irritant 2A	H319
Skin Irritant 2	H315

LABEL ELEMENTS

GHS-US Labeling

Hazard Pictogram (GHS-US)



GHS07

SIGNAL WORD (GHS-US)

WARNING

HAZARD STATEMENTS (GHS-US)

H315 - Causes skin irritation.
H319 - Causes serious eye irritation.

PRECAUTIONARY STATEMENTS (GHS-US)

P102 - Keep out of reach of children.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P280 - Wear protective gloves, protective clothing, and eye protection.
P302+P350 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see information on this label).
P337+P313 - If eye irritation persists: Get medical advice/attention.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
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.	PEL/TLV
Ca-piperazine	5%	Mixture	Not established
Ca-heteroglycans	6%	Mixture	Not established
Alkylaryl polyoxyethylene Glycol	28%	Mixture	Not established
Other Ingredients	61%	Mixture	Not established

Note: This material is not hazardous under Labor Department regulations

4. FIRST AID MEASURES

EYES: Immediately flush eyes with large quantities of water for at least fifteen minutes, holding eyelids apart to ensure thorough flushing of the entire eye surface and lids. Obtain immediate medical attention.

SKIN: Immediately flush with large quantities of water. Remove contaminated clothing under a safety shower. Obtain immediate 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 victim from contaminated atmosphere. If breathing is labored, administer oxygen. If breathing has ceased, clear airway and start mouth-to-mouth resuscitation. If heart has stopped beating, external heart massage should be applied. Obtain immediate medical attention.

5. FIRE FIGHTING MEASURES

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

FLAMMABLE LIMITS (LFL & UFL): Not applicable

EXTINGUISHING MEDIA: Considered non-combustible, use a medium appropriate to the surrounding fire. Dry chemical, carbon dioxide, water spray, or fog.

HAZARDOUS COMBUSTION PRODUCTS: None known

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers/storage vessels in the fire area cooled with water spray. Remain upwind. Avoid breathing smoke. Wear self-contained breathing apparatus and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS: Confine and absorb small releases on sand, earth, or other inert absorbent materials. Use water spray to dilute to weak fertilizer solution and transfer to suitable containers for possible land application according to label use or for disposal.

LARGE SPILLS: Confine area to qualified personnel. Shut off release if safe to do so. Dike the spill area to prevent runoff into sewers, drains, or surface waterways (potential aquatic toxicity). Recover as much material as possible. Treat the remaining material as a small release. Check local, state, and federal regulations for proper 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 and 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, between 0°F/-17.8 °C and 105°F/40.5 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THRESHOLD LIMIT VALUE: No ACGIH TVL

PERMISSIBLE EXPOSURE LIMIT:	No OSHA PEL
SIGNS AND SYMPTOMS OF EXPOSURE:	Ingestion of product may irritate the gastrointestinal tract, including nausea, vomiting, and diarrhea. Material considered to have low toxicity to humans. Prolonged or repeated contact with product may cause skin irritation. Contact with the eyes may cause serious irritation.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	None known
PRIMARY ROUTES OF ENTRY:	Dermal and Eye.
ENGINEERING CONTROLS:	Use adequate exhaust ventilation to prevent inhalation of vapors.
RESPIRATORY PROTECTION:	None normally required. If conditions exist where mist may be generated, a NIOSH/MSHA-approved mist respirator should be worn.
EYE PROTECTION:	Chemical goggles and a full-face shield. DO NOT wear contact lenses.
SKIN PROTECTION:	Neoprene rubber gloves and apron should be worn to prevent repeated or prolonged contact with liquid. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND PHYSICAL STATE:	Blue liquid
ODOR:	Mild polyether odor
SPECIFIC GRAVITY (Water=1):	1.021
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (Air = 1):	Not determined
% VOLATILITY (V/V):	Not applicable
BOILING POINT:	212°F
MELTING POINT:	Not Determined
SOLUBILITY:	Soluble
pH:	5.0 - 6.0
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
CONDITIONS TO AVOID:	None known
INCOMPATIBILITY:	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	None known
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD_{50}:	Not established
ACUTE DERMAL LD_{50}:	Not established
ACUTE INHALATION LC_{50}:	Not established
EYE IRRITATION:	Moderate
CARCINOGENIC POTENTIAL:	None listed in OSHA, NTP, IARC, or ACGIH.
SKIN IRRITATION/SENSITIZATION:	Mild

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.

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	
	1 Health	0 Reactivity	1 Health	0 Reactivity
	0 Flammability		0 Flammability	H PPE

SARA Hazard Notification/Reporting

SARA Title III Hazard Category:	Immediate:	Y	Fire:	N	Sudden Release of Pressure:	N
	Delayed:	N	Reactive:	N		

Reportable Quantity (RQ) under U.S. CERCLA: Not listed
SARA, Title III, Section 313: Not listed
RCRA Waste Code: Not listed
CA Proposition 65: Not listed

16. OTHER INFORMATION

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

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