Coastal AgroBusiness, Inc.

Safety Data Sheet

SDS Number: 12057
SDS Prepared: 11/15/2021
SDS Version: 1.1
Version Date: 02/17/2026

Voladex™

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Voladex™

PRODUCT IDENTIFIER: A volatility reduction agent and drift control adjuvant to be used with herbicide products containing dicamba.

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

Not classified

LABEL ELEMENTS

PRECAUTIONARY STATEMENTS (GHS-US)

P102 - Keep out of reach of children.
P203 - Obtain, read, and follow all safety instructions before use.
P233 - Keep container tightly closed.
P234 - Keep only in the original container.
P261 - Avoid breathing vapors or spray.
P264 - Wash face, 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.
P281 - Use personal protective equipment as required.
P302+P352 - 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.
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
Potassium acetate solution	Proprietary	127-08-2	NOL/NOL
Polyacrylamide solution	Proprietary	9003-05-8	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. Do not let victim rub eyes. Seek medical attention.

SKIN: Remove contaminated clothing and wash with large amounts of soap and water. Do NOT use solvents or thinners. 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 a qualified operator is available. Seek immediate medical attention. If unconscious, place in the recovery position and obtain immediate medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT (◦F/Test Method):	Does not flash
FLAMMABLE LIMITS (LFL & UFL):	None
EXTINGUISHING MEDIA:	Alcohol-resistant foam, powder, CO_2, water spray. Do not use water jet.
HAZARDOUS COMBUSTION PRODUCTS:	None known
SPECIAL FIRE FIGHTING PROCEDURES:	Evacuate the area. Prevent contamination from run-off of adjacent areas, streams, drinking water, and sewers. Do not flush down sewers or other drainage systems. Exposed firefighters must wear standard protective equipment, and in enclosed areas, self-contained breathing apparatus. Use a water spray to cool fire-exposed surfaces and personnel.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	In the event of fire, the following may be released: Carbon monoxide (CO), carbon dioxide (CO_2), nitrogen oxides (NO_X)

6. ACCIDENTAL RELEASE MEASURES

SPILLS:	SLIPPERY WHEN WET. Surround and absorb spills. Material should be collected and disposed of properly. Dike the area to prevent the spill from spreading. Soak up the spill with a suitable absorbent, such as clay, sawdust, or kitty litter. Flush the spill with water. Prevent liquid from entering sewers. If slipperiness remains, apply more dry-sweeping compound. Sweep up absorbed materials and place them in a chemical waste container for disposal. Spray the area with water until no slipperiness remains.
CLEAN-UP AND CONTAINMENT:	Use personal protective equipment. If the product is accidentally spilled, do not allow it to enter soil, waterways, or wastewater canals. Do not allow the product to contact non-target plants. Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly closed container. Keep in suitable, closed containers for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations.
PERSONAL PRECAUTIONS:	Use personal protective equipment. Keep unauthorized people away. Avoid contact with spilled product or contaminated surfaces.
ENVIRONMENTAL PRECAUTIONS:	Do not allow spills to enter drains or watercourses

7. HANDLING AND STORAGE

HANDLING: Do not get in eyes, on skin, or clothing. Do not breathe vapors or mists. Keep in original container, tightly closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, and smoking. Remove contaminated clothing and clean before reuse. Destroy contaminated belts and shoes, and other items that cannot be decontaminated.

STORAGE: Store in tightly closed containers in a dry, well-ventilated area away from excessive heat and incompatible materials (e.g., oxidizing agents). Do not use iron, copper, or aluminum containers or equipment. Keep in original container. Do not reuse the empty container. Do not store with food, feed, or other material to be used or consumed by animals or humans. Do not contaminate water supplies. STORE BETWEEN 40°F AND 90°F TO PROTECT FROM FREEZING.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERMISSIBLE EXPOSURE LIMIT:	None known.
SIGNS AND SYMPTOMS OF EXPOSURE:	Overexposure: May cause skin and eye irritation.

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:	Provide adequate ventilation. When reasonably possible, this should be achieved through local exhaust ventilation and effective general extraction. If particulate and vapor levels exceed occupational exposure limits despite control measures, suitable respiratory protection is required.
RESPIRATORY PROTECTION:	If workers are exposed to concentrations above the exposure limit, they must use the appropriate certified respirators.
EYE PROTECTION:	Avoid contact with eyes. Use tightly sealed goggles and face protection.
SKIN PROTECTION:	Avoid contact with skin. Overalls that cover the body, arms, and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND PHYSICAL STATE:	Clear to light yellow liquid
ODOR:	Sour
SPECIFIC GRAVITY (Water=1):	1.22
RELATIVE DENSITY:	10.17
VAPOR PRESSURE:	Not determined
VAPOR DENSITY (Air = 1):	Not determined
% VOLATILITY (V/V):	Not determined
BOILING POINT:	Not determined
MELTING POINT:	Not determined
SOLUBILITY:	Soluble
pH:	7.5 - 8.5
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 under normal ambient and anticipated conditions of use.
CONDITIONS TO AVOID:	Temperature extremes and direct sunlight. To avoid product degradation and equipment corrosion, do not use iron, copper, or aluminum containers or equipment.
INCOMPATIBILITY:	Strong oxidizing agents. Reacts with galvanized steel or unlined mild steel to produce hydrogen, a highly flammable gas that could explode.
REACTIVITY:	Not chemically reactive.
HAZARDOUS DECOMPOSITION PRODUCTS:	Not anticipated under normal conditions of use.
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD_{50}:	No data available.
ACUTE DERMAL LD_{50}:	No data available.
INHALATION LC_{50}:	No data available.
EYE IRRITATION:	Not classified
CARCINOGENIC POTENTIAL:	This product is not carcinogenic, teratogenic, or mutagenic as determined by OSHA, NTP, or IARC.
SKIN IRRITATION/SENSITIZATION:	Not classified

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Do not allow into drains or watercourses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply. Dispose of contents in accordance with local and national regulations.

14. TRANSPORTATION INFORMATION

D.O.T. Shipping Description: NOT REGULATED BY DOT BY HIGHWAY.
ICAO/IATA: SEE BILL OF LADING.
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

REGULATORY OVERVIEW: The regulatory data in Section 15 is not intended to be all-inclusive; only select regulations are represented.

NFPA & HMIS Hazard Ratings:

NFPA		HMIS	
1 Health	0 Reactivity	1 Health	0 Reactivity
0 Flammability		0 Flammability	C PPE

TOXIC SUBSTANCE: All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed in the TSCA Inventory

WHMIS Classification: D2B, Poisonous and Infectious material, Materials causing other toxic effects, toxic material

SARA Hazard Notification/Reporting

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

CA Proposition 65: To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. OTHER INFORMATION

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

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