

Coastal AgroBusiness, Inc.



Safety Data Sheet

Voladex™

SDS Number: 12057
 SDS Prepared: 11/15/2021
 SDS Version: 1.0
 Version Date: 11/15/2021

VRA/DRA

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 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

Appearance: Colorless to Light Yellow
Slippery When Wet, Protect from freezing

Physical State: Liquid

Odor: Sour

Classification

Skin Irritant	Classification 2	H315: Causes skin irritation
Eye Irritant	Classification 2	H319: Causes serious eye irritation

EMERGENCY OVERVIEW

Hazard Statements:

H315 - Causes skin irritation
 H319 - Causes serious eye irritation

GHS Label elements, including precautionary statements

Signal Word – “WARNING”

Precautionary Statement(s) - Prevention:

P102 – Keep out of reach of children
 P103 – Read label before use
 P233 – Keep container tightly closed
 P234 - Keep only in original container
 P261 – Avoid breathing vapors or spray
 P264 - Wash face, hands and any exposed skin thoroughly after handling.
 P270 - Do not eat, drink or smoke when using product
 P280 – Wear protective gloves/eye protection/face protection
 P281 – Use personal protective equipment as required



Precautionary Statement(s) - Response:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do so – continue rinsing.

P321 Specific treatment (see information on this label).

P332+313 If skin irritation occurs: Get medical advice/attention

P337+313 If eye irritation persists: Get medical advice/attention

P362 Take off contaminated clothing and wash before reuse.

Precautionary Statement(s) – Storage:

NO GHS statements

Precautionary Statement(s) – Disposal:

NO GHS statements

3. COMPOSITION/ INFORMATION ON INGREDIENTS

CHEMICAL

Potassium acetate solution

Polyacrylamide Solution

CAS NUMBER

127-08-2

9003-05-8

% BY WEIGHT

Proprietary

Proprietary

4. FIRST AID MEASURES

GENERAL ADVICE:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

INHALATION:

IF INHALED: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

EYES:

IF IN EYES: Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.

SKIN:

IF ON SKIN (or hair): Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Do NOT use solvents or thinners.

INGESTION:

IF SWALLOWED: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects**OVERVIEW:**

No adverse symptoms or effects anticipated under normal handling conditions
See section 2 for further details.

EYES:

Causes serious eye irritation.

SKIN:

Causes skin irritation.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray. Do not use; water jet.

SPECIAL HAZARDS ARISING FROM SUBSTANCE OR MIXTURE:

In the event of fire the following may be released: Carbon monoxide (CO), Carbon dioxide (CO₂), Nitrogen oxides (NO_x)

ADVICE FOR FIRE FIGHTERS:

Evacuate 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 water-spray to cool fire exposed surfaces and personnel.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

ACCIDENTAL RELEASE MEASURES:

SLIPPERY WHEN WET. Surround and absorb spills. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Soak up spill with suitable absorbent such as clay, sawdust or kitty litter. Flush spill with water. Prevent liquid from entering sewers. If slipperiness remains apply more dry-sweeping compound. Sweep up absorbed materials and place in a chemical waste container for disposal. Spray area with water until no slipperiness remains. Wear suitable protective equipment.

PERSONAL PRECAUTIONS:

Use personal protective equipment. Keep unauthorized people away. Avoid contact with spilled product or contaminated surfaces.

ENVIRONMENTAL PRECAUTIONS: METHODS FOR CONTAINMENT AND CLEANING UP:

Do not allow spills to enter drains or watercourses.

Use personal protective equipment. If the product is accidentally spilled, do not allow to enter soil, waterways or waste water canal. Do not allow 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.

7. HANDLING AND STORAGE

SAFE HANDLING:

Do not get in eyes on skin or on clothing. Do not breathe vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Destroy contaminated belts and shoes and other items that cannot be decontaminated. See section 2 for further details (Prevention).

STORAGE:

Store in tightly closed containers in dry, well-ventilated area away from excessive heat and incompatibles. Incompatible materials: Oxidizing agents. See section 2 for further details (Storage). Do not use iron, copper, or aluminum containers or equipment. Keep in original container tightly closed. Do not reuse 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° AND 90° F TO PROTECT FROM FREEZING.**

SPECIFIC END USE:

See Technical Data Sheet

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

CONTROL PARAMETERS: APPROPRIATE ENGINEERING CONTROLS:

Exposure – No known occupational limit values. Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

RESPIRATORY PROTECTION:

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

EYE PROTECTION:

Use tightly sealed goggles and face protection.

SKIN PROTECTION:

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. All parts of the body should be washed after contact.

OTHER WORK PRACTICES:

See Technical Data Sheet. See section 2 for further details (Prevention).

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:

Liquid

APPEARANCE:

Colorless to Light Yellow Liquid

ODOR:	Sour
ODOR THRESHOLD:	Not determined
pH:	7.5 – 8.5
MELTING POINT/FREEZING POINT:	Not determined
BOILING POINT/BOILING RANGE:	Not determined
FLASH POINT:	Does not flash
EVAPORATION RATE:	Not determined
FLAMMABILITY (SOLID, GAS):	n/a liquid
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	Not determined
VAPOR PRESSURE:	Not determined
VAPOR DENSITY:	Not determined
RELATIVE DENSITY:	10.167
SPECIFIC GRAVITY:	1.219
WATER SOLUBILITY:	Soluble
PARTIAL COEFFICIENT:	Not determined
AUTO-IGNITION TEMPERATURE:	Not determined
DECOMPOSITION TEMPERATURE:	Not determined
VISCOSITY:	Not determined

10. STABILITY AND REACTIVITY

REACTIVITY:	Not chemically reactive.
CHEMICAL STABILITY:	Stable under normal ambient and anticipated conditions of use.
POSSIBILITY OF HAZARDOUS REACTIONS:	Reacts with galvanized steel or unlined mild steel to produce hydrogen, a highly flammable gas that could explode.
CONDITIONS TO AVOID:	Extremes of temperature and direct sunlight. To avoid product degradation and equipment corrosion, do not use iron, copper, or aluminum containers or equipment.
INCOMPATIBLE MATERIALS:	Strong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTS:	Not anticipated under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ATE (Acute Toxicity Estimate)

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
VAPORGRIP® XTRA AGENT, A VOLATILITY REDUCING AGENT	No data available	No data available	No data available	No data available	No data available

Item	Category	Hazard
Acute Toxicity (mouth)		Not Applicable
Acute Toxicity (skin)		Not Applicable
Acute Toxicity (inhalation)		Not Applicable
Skin corrosion/irritation	2	Causes skin irritation
Eye damage/irritation	2	Causes serious eye irritation
Sensitization (respiratory)		Not Applicable
Sensitization (skin)		Not Applicable
Germ Toxicity		Not Applicable
Carcinogenicity		Not Applicable
Reproductive Toxicity		Not Applicable

Specific target organ systemic toxicity (single exposure)	Not Applicable
Specific target organ systemic Toxicity (repeated exposure)	Not Applicable
Aspiration hazard	Not Applicable

12. ECOLOGICAL INFORMATION

TOXICITY:	No additional information provide for this product.
PERSISTENCE AND DEGRADABILITY:	There is no data available on the preparation itself.
BIOACCUMULATIVE POTENTIAL:	Not measured.
MOBILITY IN SOIL:	No data available.
RESULTS OF PBT AND vPvB ASSESSMENT:	No data available.
OTHER ADVERSE EFFECTS	No data available.

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:	Do not allow into drains or water courses. 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.
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14. TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:	Not regulated.
IMDG PROPER SHIPPING NAME:	Not regulated.
ICAO/IATA	See bill of lading

15. REGULATORY INFORMATION

REGULATORY OVERVIEW:	The regulatory data in Section 15 is not intended to be all inclusive, only select regulations are represented.
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
US EPA TIER II HAZARDS	
Fire:	No
Sudden Releaser of Pressure	No
Reactive:	No
Immediate (Acute):	Yes
Delayed (Chronic):	NO
EPCRA 302 Extremely Hazardous (>0.1 %):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
EPCRA 313 Toxic Chemicals:	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Carcinogens (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Developmental Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

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

Proposition 65 - Male Repro Toxins (>0.0%):

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

16. OTHER INFORMATION**SDS STATUS:**

New

REASON FOR CHANGE:

New product

PREPARED BY:

Tandy O. Dunn, Director of Health, Safety & Environmental Affairs

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