



VAN DIEST SUPPLY COMPANY

Distributor and Manufacturer of Agricultural Chemicals

SAFETY DATA SHEET

1. IDENTIFICATION

1.1 PRODUCT IDENTITY:	CORNBELT® PROTECTOR™
1.2 CHEMICAL CLASS:	A drift and deposition management and water conditioning agent.
1.3 ACTIVE INGREDIENT:	Ammonium sulfate, polyacrylamide and polysaccharide polymers, and antifoam agent.
1.4 RECOMMENDED USE/RESTRICTIONS:	Please see the label for specific recommendations regarding this product.
1.5 SUPPLIER'S DETAILS:	Van Diest Supply Company 1434 220th Street Post Office Box 610 Webster City, IA 50595-0610
1.6 EMERGENCY PHONE NUMBER:	FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT - CALL CHEMTREC - DAY OR NIGHT - 1-800-424-9300

2. HAZARDS IDENTIFICATION



WARNING

2.1 GHS HEALTH HAZARDS:

Eye Irritant 2A:	H319: Causes serious eye irritation.
Skin Irritant 3:	H316: Causes mild skin irritation.
Acute Toxicity (oral) 4:	H303: May be harmful if swallowed.
Acute Toxicity (dermal) 5:	H313: May be harmful in contact with skin.
Prevention:	P280: Wear protective gloves/clothing and eye/face protection. P264: Wash hands, face and other affected areas thoroughly after handling. P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing.
Response:	P337+P313: If eye irritation persists, get medical advice/attention. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P332+P313: If skin irritation occurs, get medical advice/attention.
Storage:	No GHS storage statements.
Disposal:	P501: Dispose of contents/container in accordance with local/national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is labeled with the following GHS classifications, as it contains substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. This product is a proprietary blend and the ingredients and mixture percentages are being withheld as confidential business information.

Ingredient/Chemical Designations:	Milled ammonium sulfate, drift reduction/deposition polymers and antifoam agents.
CAS No:	Mixture
Weight %:	100%
Notes:	[1] Substance classified with a health or environmental hazard. [2] Substance with a workplace exposure limit.

4. FIRST AID MEASURES

4.1 DESCRIPTIONS:

General:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	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:	Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Do NOT use solvents or thinners.
Ingestion:	If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Overview:	No adverse symptoms or effects anticipated under normal handling conditions. See Section 2 - Hazards Identification, for further details.
Eyes:	Causes serious eye irritation.
Skin:	Causes mild skin irritation. May be harmful in contact with skin.
Ingestion:	May be harmful if swallowed.

5. FIREFIGHTING MEASURES

Extinguishing Media:	Alcohol resistant foam, CO ₂ , powder, fog, or water spray. Do not use water jet.
Special Hazards:	Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of sulfur, nitrogen, or phosphorus may also be formed. Never use welding or cutting torches on or near container, even if empty.
Advice for Firefighters:	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, a self-contained breathing apparatus. Use water-spray to cool fire-exposed surfaces and personnel.
Explosion Hazards:	Dust suspended in air may create a potentially explosive environment.

6. ACCIDENTAL RELEASE MEASURES

Precautions/Procedures:	Keep all sources of ignition away from spill/release. In case of a major spill or spillage in a confined space, evacuate the area and check vapor levels.
Environmental Precautions:	Do not allow spills to enter drains or water courses.
Methods and Material for Containment and Cleaning Up:	Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in Section 8 - Exposure Controls/Personal Protection. Contain and absorb spillage with non-combustible materials (e.g. sand/earth/vermiculite). Place in closed containers outside building and dispose of according to Waste Regulations in Section 13 - Disposal Considerations. Clean, preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or water courses. If drains, sewers, streams, or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams, or lakes, the Environmental Protection Agency should also be informed.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Do not get in eyes, on skin, or on clothing. Do not breathe vapors or mists. Keep bag closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, and/or smoking. Remove contaminated clothing and wash before reuse. Destroy contaminated belts and shoes and other items that cannot be decontaminated. Have eyewash accessible to use in handling area. See Section 2 - Hazards Identification for further details.

Conditions for Safe Storage: Store in tightly closed bags in dry, well-ventilated area, away from excessive heat and incompatibles. Do not allow water or other chemicals to be introduced into contents of bag. Do not store near feed or food products. Do not use or store near open flame or incompatible materials. Bags that have been opened must be carefully resealed and kept upright to prevent leakage. See Section 2 - Hazards Identification, for further details.

Incompatible Materials: Oxidizing agents, bases, chlorates, nitrates.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Data: This product contains no ingredients with established limits for exposure under OSHA, ACGIH, and/or NIOSH.

Carcinogen Data: This product contains no ingredients that are suspected of being known to be a carcinogen under OSHA, NTP, and/or IARC.

8.1 PERSONAL PROTECTIVE EQUIPMENT:

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

Eyes and Face: Wear safety eyewear (e.g. safety spectacles/goggles/visors) to protect against the splash of liquids.

Skin: 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.

Engineering Controls: 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.

Other Work Practices: See product label.

8.2 COMMENTS:

TLV (Units): Nuisance Dust TLV (units): 15 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Free flowing white granule
ODOR:	Slight chemical
ODOR THRESHOLD:	Not measured
pH:	Not measured
SPECIFIC GRAVITY:	Not applicable
FLASH POINT & METHOD:	Difficult to burn
SOLUBILITY IN WATER:	Complete
VISCOSITY (DYNAMIC):	Not measured
VISCOSITY (KINEMATIC):	Not measured
VOC %:	Not measured
VAPOR PRESSURE (Pa):	Not measured
VAPOR DENSITY (AIR = 1):	Not measured
DENSITY:	52-57 lb/ft ³
FREEZING POINT:	Not measured
INITIAL BOILING POINT/RANGE:	Not measured

9. PHYSICAL AND CHEMICAL PROPERTIES, continued

MELTING POINT/RANGE:	Not measured
FLAMMABILITY (SOLID, GAS):	Not measured
UPPER FLAMMABILITY/EXPLOSIVE LIMITS:	Not measured
LOWER FLAMMABILITY/EXPLOSIVE LIMITS:	Not measured
DECOMPOSITION TEMPERATURE:	Not measured
AUTO-IGNITION TEMPERATURE:	Not measured
VOLATILITY:	Not measured
MOLECULAR WEIGHT:	Not measured
OXIDIZING PROPERTIES:	Not measured
PARTITION COEFFICIENT, (<i>n</i> -Octanol/Water, Log P _{OW}):	Not measured
EVAPORATION RATE (BUTYL ACETATE = 1)	Not measured
SURFACE TENSION:	Not measured
PARTICLE SIZE:	Not measured
OTHER:	No other relevant information.

10. STABILITY AND REACTIVITY

Reactivity:	Not chemically reactive.
Chemical Stability:	Stable under normal, ambient and anticipated conditions of use.
Hazardous Reactions:	Hazardous reactions not anticipated.
Conditions to Avoid:	Heat, open flame, sparks, static electricity.
Incompatible Materials:	Oxidizing agents, bases, chlorates, nitrates
Hazardous Decomposition Products:	Temperatures above 282 °C cause a release of ammonia and sulfur trioxide.

11. TOXICOLOGICAL INFORMATION**11.1 ACUTE TOXICITY ESTIMATE:**

Ingredients:	Milled ammonium sulfate, drift reduction/deposition polymers and antifoam agents
Oral, LD₅₀, mg/kg:	No data available
Skin, LD₅₀, mg/kg:	No data available
Inhalation Vapor, LC₅₀, mg/L/4hr:	No data available
Inhalation Dust/Mist, LC₅₀, mg/L/4hr:	No data available
Inhalation Gas, LC₅₀, ppm:	No data available

ITEM	HAZARD	CATEGORY
Acute Toxicity (mouth):	May be harmful if swallowed.	4
Acute Toxicity (skin):	May be harmful in contact with skin.	5
Acute Toxicity (inhalation):	Not Applicable	---
Skin Corrosion/Irritation:	Causes mild skin irritation.	3
Eye Damage/Irritation:	Causes serious eye irritation.	2A
Sensitization (respiratory):	Not Applicable	---
Sensitization (skin):	Not Applicable	---
Germ Toxicity:	Not Applicable	---
Carcinogenicity:	Not Applicable	---
Reproductive Toxicity:	Not Applicable	---

11. TOXICOLOGICAL INFORMATION, continued

11.1 ACUTE TOXICITY ESTIMATE, continued:

ITEM	HAZARD	CATEGORY
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

12.1 TOXICITY:

No additional information provided for this product. Not for use in aquatic settings.

12.2 PERSISTENCE AND DEGRADABILITY:

There is no data available on the preparation itself.

12.3 BIOACCUMULATIVE POTENTIAL:

Not measured.

12.4 MOBILITY IN SOIL:

No data available.

12.5 RESULTS OF PBT & vPvB Assess:

This product contains no PBT/vPvB chemicals.

12.6 OTHER ADVERSE EFFECTS:

No data available.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains and/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 federal regulations.

14. TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME:	Not Regulated
DOT HAZARD CLASS:	Not Applicable
DOT PACKING GROUP:	Not Applicable
DOT LABEL:	None

15. REGULATORY INFORMATION

Regulatory Overview:	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA):	All ingredients of this product are listed on the TSCA inventory, or are not required to be listed on the TSCA inventory.
National Fire Protection Association (NFPA):	Health Hazards: ND Flammability: ND Instability: ND Special Hazards: ND; NFPA: 2 - 1 - 0 Fire = NO Sudden Release of Pressure = NO
U.S. EPA Tier II Hazards:	Reactive = NO Immediate (acute) = YES Delayed (chronic) = NO

15. REGULATORY INFORMATION, continued

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 311 / 312 - Chemicals & RQs (>0.1%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
EPCRA 313 - Toxic Chemicals (>0.1%):	Sulfuric acid diammonium <100%
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 Reproductive Toxins (>0.0%):	To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 - Male Reproductive 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 VERSION: 4/23/2024

The information and recommendations contained in this Safety Data Sheet are understood to be correct by Van Diest Supply Company. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. Information in this SDS follows different criteria from, and serves a different purpose than the product labeling.