



# VAN DIEST SUPPLY COMPANY

Distributor and Manufacturer of Agricultural Chemicals

## SAFETY DATA SHEET

### 1. IDENTIFICATION

<b>1.1 GHS PRODUCT IDENTIFIER:</b>	<b>CORNBELT® AMSTIK PLUS™</b>
<b>1.2 ALTERNATE NAME(S):</b>	None
<b>1.4 RECOMMENDED USE/RESTRICTIONS:</b>	Please see the label for specific recommendations regarding this product.
Chemical Class:	Tank mix adjuvant
Active Ingredient(s):	A proprietary blend of nonionic surfactants, solvents, and defoamer.
<b>1.5 SUPPLIER'S DETAILS:</b>	Van Diest Supply Company 1434 220th Street Post Office Box 610 Webster City, IA 50595-0610
<b>1.6 EMERGENCY PHONE NUMBER:</b>	FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT - CALL CHEMTREC - DAY OR NIGHT - 1-800-424-9300

### 2. HAZARDS IDENTIFICATION

<b>2.1 GHS HEALTH HAZARDS:</b>	Eye damage/eye irritation	Category 2A
	Skin sensitization	Category 1

#### 2.2 GHS LABEL ELEMENTS AND PRECAUTIONARY STATEMENTS:



#### WARNING

##### HAZARDS:

H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.

##### PREVENTION:

P261	Avoid breathing gas / vapors / spray.
P264	Wash hands and other potentially contaminated body parts thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear eye protection (goggles) and protective gloves.

##### RESPONSE:

P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or a rash occurs: Get medical advice.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	IF EYE IRRITATION PERSISTS: Get medical advice.

##### DISPOSAL

P501	Dispose of contents / container in accordance with local / national regulations.
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#### 2.3 UNCLASSIFIED HAZARDS:

None

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

MATERIAL	COMMON NAME/SYNONYMS	CAS #	% IN FORMULATION	NOTES
Proprietary solvent	Proprietary	Proprietary	10 - 25	1,2
Proprietary surfactant	Proprietary	Proprietary	1.0 - 10	1
Proprietary defoamer	Proprietary	Proprietary	1.0 - 10	1

Notes: 1 - Substance classified with a health or environmental hazard. 2 - Substance with a workplace exposure limit.

This Safety Data Sheet is not a guarantee of product specification. Specific ingredient content may be found on the product label.

**4. FIRST AID MEASURES****4.1 GENERAL FIRST AID RECOMMENDATIONS ARE AS FOLLOWS:**

<b>GENERAL:</b>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>EYE CONTACT:</b>	Hold eye open and rinse slowly and gently with clean water for at least 15 minutes, holding eyelids open. Seek medical attention.
<b>SKIN CONTACT:</b>	Remove contaminated clothing and clean skin thoroughly with soap and water. Do NOT use solvents or thinners. Wash contaminated clothing before reuse.
<b>INGESTION:</b>	If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. Identify the name of the product, the type and amount of exposure, and symptoms the patient is experiencing. Do not give anything by mouth to an unconscious person.
<b>INHALATION:</b>	Remove to fresh air. Put unconscious person in recovery position. If person is not breathing, call 911 or an ambulance, and then give artificial respiration if possible. Give nothing by mouth.

**4.2 MOST IMPORTANT SYMPTOMS/EFFECTS (ACUTE AND DELAYED):**

<b>OVERVIEW:</b>	No adverse symptoms or effects anticipated under normal handling conditions. See Section 2 - Hazards Identification, for further details.
<b>EYES:</b>	Causes serious eye irritation, which may take up to 21 days to heal.
<b>SKIN:</b>	May cause an allergic skin reaction.

**5. FIREFIGHTING MEASURES****5.1 SUITABLE EXTINGUISHING MEDIA:**

Use any Class B fire extinguisher such as a multi-purpose dry chemical, CO<sub>2</sub>, or foam extinguisher to extinguish a small fire in accordance with your company's established expectations.

**5.2 UNSUITABLE EXTINGUISHING MEDIA:**

Do not use water jet. Class A-only fire extinguishers, such as water-based extinguishers, are not ideal for small fires on this material.

**5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**

No specific hazardous decomposition products have been identified. It is recommended to presume that during a fire, irritating and possibly toxic gases may be generated by partial thermal decomposition or combustion, including oxides of carbon, nitrogen, phosphorus and/or sulfur, as well as smoke and/or fumes.

**5.4 SPECIAL PROTECTIVE ACTIONS 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, self-contained breathing apparatus. Use water-spray to cool fire exposed surfaces and personnel.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

Keep all ignition sources away from spill / release. In case of a major spill or spillage in a confined space evacuate the area and check vapor levels. Using appropriate personal protective equipment specified in Section 8 - Exposure Control/Personal Protection, absorb any spilled material and place in a container for disposal. Disposal methods should be consistent with information in Section 13 - Disposal Considerations.

### 6.2 ENVIRONMENTAL PRECAUTIONS:

Keep spill away from drains, sewers, and bodies of water.

### 6.3 METHODS & MATERIALS FOR CONTAINMENT AND CLEANUP:

Ventilate the area and avoid breathing vapors or mists. Follow the personal protective measures listed in Section 8 - Exposure Control/Personal Protection. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See Section 13 - Disposal Considerations). Clean, preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or watercourses. 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

### 7.1 PRECAUTIONS FOR 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.

### 7.2 CONDITIONS FOR SAFE STORAGE:

Store in tightly closed containers in dry, well-ventilated area away from excessive heat and incompatibles. Incompatible materials: Oxidizing agents. Secure material from access by children or domestic animals. Do not store this product near food, beverages, and/or tobacco products.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1 OCCUPATIONAL EXPOSURE LIMITS:

MATERIAL	CAS #	OSHA PEL	ACGIH TLV	CARCINOGEN		
				NTP	IARC	OSHA
Proprietary Solvent	Proprietary	Total: 15 mg/m <sup>3</sup> Respirable: 5 mg/m <sup>3</sup>	Respirable: 3 mg/m <sup>3</sup> Mist: 10 mg/m <sup>3</sup>	No	No	No
Proprietary Surfactant	Proprietary	NE*	NE*	No	No	No
Proprietary Defoamer	Proprietary	NE*	NE*	No	No	No

\*NE = No Established Limit

### 8.2 ENGINEERING CONTROLS:

Maintain air concentrations below occupational exposure standards using ventilation techniques as necessary.

### 8.3 PERSONAL PROTECTIVE EQUIPMENT:

The following recommendations are suitable for small, incidental contact with this material. Recommendations for commercial or on-farm application of this chemical may be found on the product label.

<b>EYE CONTACT:</b>	If splashing can be reasonably anticipated, for instance while pouring the product into another container, wear chemical splash goggles.
<b>SKIN CONTACT:</b>	Skin should not be exposed. All parts of the body should be washed after contact. Where skin contact is possible, wear a suitable barrier such as chemical resistant gloves and a chemical apron. Preferred glove materials include: butyl rubber, nitrile, polyethylene, and PVC.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION (continued)**

<b>INGESTION:</b>	Do not allow eating, drinking, tobacco use, and/or cosmetic application in areas where there is a potential for exposure to this material.
<b>INHALATION:</b>	A respirator is not normally needed for the incidental handling of this product. If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Light amber liquid
<b>ODOR:</b>	ND
<b>ODOR THRESHOLD:</b>	ND
<b>pH:</b>	4-6.5 neat
<b>MELTING POINT:</b>	ND
<b>BOILING POINT:</b>	ND
<b>FLASH POINT:</b>	>200°F (SETA CC)
<b>EVAPORATION RATE:</b>	ND
<b>FLAMMABILITY:</b>	ND
<b>UPPER/LOWER EXLOSIVE LIMIT:</b>	ND
<b>VAPOR PRESSURE:</b>	ND
<b>VAPOR DENSITY:</b>	ND
<b>SPECIFIC GRAVITY:</b>	1.223
<b>SOLUBILITY:</b>	ND
<b>PARTITION COEFFICIENT (n -Octanol/Water):</b>	ND
<b>AUTO-IGNITION TEMPERATURE:</b>	ND
<b>DECOMPOSITION TEMPERATURE:</b>	ND
<b>VISCOSITY:</b>	ND

ND: No Data; N/A: Not Applicable

**10. STABILITY AND REACTIVITY****10.1 REACTIVITY:**

Nonreactive under normal conditions.

**10.2 CHEMICAL STABILITY:**

Stable under normal conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS:**

Not anticipated.

**10.4 CONDITIONS TO AVOID:**

Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition.

**10.5 INCOMPATIBLE MATERIALS:**

Oxidizing agents

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS:**

Not anticipated under normal conditions of use.

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

Ingredient	Oral LD <sub>50</sub> , mg/kg	Skin LD <sub>50</sub> , mg/kg	Inhalation - Vapor LC <sub>50</sub> , mg/L/4hr	Inhalation - Dust/Mist LC <sub>50</sub> , mg/L/4hr
CORNBELT® AMSTIK™ PLUS	>2,000	>2,000	No data available	No data available

**11. TOXICOLOGICAL INFORMATION (continued)****11.2 SKIN CORROSION/IRRITATION:**

Not applicable

**11.3 SERIOUS EYE DAMAGE/IRRITATION:**

GHS Category 2A: Causes serious eye irritation.

**11.4 RESPIRATORY OR SKIN SENSITIZATION:**

GHS Category 1: May cause an allergic skin reaction

**11.5 GERM CELL MUTAGENICITY:**

This material is not suspected of being mutagenic.

**11.6 CARCINOGENICITY:**

This material is not suspected of being a carcinogen.

**11.7 REPRODUCTIVE TOXICITY:**

This material is not suspected of being a teratogen.

**11.8 STOT-SINGLE EXPOSURE:**

This material is not linked to short-term exposure effects.

**11.9 STOT-LONG TERM EXPOSURE:**

This material is not linked to long-term exposure effects.

**11.10 ASPIRATION HAZARD:**

This product does not meet the definition of an aspiration hazard.

**12. ECOLOGICAL INFORMATION****12.1 ECOTOXICITY:**

Ecotoxicity studies have not been conducted on this preparation.

**12.2 PERSISTENCE AND DEGRADABILITY:**

No data.

**12.3 BIOACCUMULATIVE POTENTIAL:**

No data.

**12.4 MOBILITY IN SOIL:**

No data.

**13. DISPOSAL CONSIDERATIONS**

Rinse containers thoroughly three times and use rinsate according to label instructions. Dispose of product containers, waste containers, and residues according to local, state, and federal regulations. All recovered materials must be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and in conformance with good engineering practices.

**14. TRANSPORT INFORMATION****14.1 DOT CLASSIFICATION:**

The material is classified as follows, when shipped in containers at or above the regulated container size:

<b>DOT/UN NUMBER:</b>	N/A
<b>DOT/UN PROPER SHIPPING NAME:</b>	N/A
<b>TRANSPORT HAZARD CLASS:</b>	N/A
<b>PACKING GROUP:</b>	N/A
<b>MARINE POLLUTANT:</b>	No

**15. REGULATORY INFORMATION****15.1 EPCRA SARA TITLE III CLASSIFICATIONS:****SECTION 311/312 HAZARD CLASSES:**

<b>FIRE:</b>	No
<b>RELEASE OF PRESSURE:</b>	No
<b>REACTIVE:</b>	No
<b>IMMEDIATE (ACUTE):</b>	Yes
<b>DELAYED (CHRONIC):</b>	No

SECTION 313 CHEMICALS: None

**15.2 CERCLA/SARA 302 REPORTABLE QUANTITY:**

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

**16. OTHER INFORMATION**

SDS VERSION: 1/21/2021

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.