



1. IDENTIFICATION

- 1.1 GHS Product Identifier:** Cornbelt® Pro-One XL™
- 1.2 Alternate Name(s):** None
- 1.3 Recommended Use/Restrictions:** Please see the label for specific recommendations regarding this product.
Chemical Class: Dry water soluble spray adjuvant for glyphosates and residual herbicide combinations
- 1.4 Supplier's Details:** Van Diest Supply Company
1434 220th St. Post Office Box 610
Webster City, Iowa 50595
- 1.5 Emergency Phone Number:** FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE,
OR ACCIDENT CALL CHEMTREC – DAY OR NIGHT 1-800-424-9300

2. HAZARD IDENTIFICATION

<u>2.1 Hazard Classification:</u>	<u>Class</u>	<u>Category</u>
	Acute Toxicity – Oral	4
	Acute Toxicity – Dermal	5
	Skin corrosion/irritation	3
	Serious eye damage/eye irritation	2A

2.2 GHS Label Elements and Precautionary Statements:



Warning

Hazards:

- H302 Harmful if swallowed
H313 May be harmful in contact with skin
H316 Causes mild skin irritation.
H319 Causes serious eye irritation.

Prevention:

- P264 Wash hands and other potentially contaminated body parts thoroughly after handling.
P270 Do not eat, drink, or smoke when using this product.
P280 Wear eye protection.

Response:

- P301+P312 **If swallowed:** Call a poison control center if you feel unwell. P330 Rinse mouth.
P332+P313 **If skin irritation occurs:** Get medical advice.
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 and container in accordance with Federal, state, and local requirements.

2.3 Unclassified Hazards: None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Material	Common Name/ Synonyms	CAS #	% in Formulation
Ammonium sulfate, block polymer of carbonyl diamine, polyoxyethylene polyoxypropylene, beta-hydroxy-tricarboxylic acid, polyacrylamide polymer, dimethylsiloxane	N/A	N/A	98.73

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:	Eye Contact:	Hold eye open and rinse slowly and gently with clean water. Remove contact lenses after 5 minutes, if present, then continue rinsing eye. Seek medical advice as appropriate.
	Skin Contact:	Remove contaminated clothing and clean skin thoroughly with soap and water. Wash contaminated clothing before reuse.
	Ingestion:	Call a poison control center, physician, or hospital immediately for treatment advice as appropriate. Identify the name of the product, the type and amount of exposure, and symptoms the patient is experiencing. Do not induce vomiting unless told to do so by a poison control center, physician, or hospital. Do not give anything by mouth to an unconscious person.
	Inhalation:	Remove to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration if possible.
4.2 Most Important Symptoms/Effects (acute and delayed):	Overexposure by contact may cause severe irritation to eyes, and mild irritation to skin.	
4.3 Indication of Need for Immediate Medical Attention:	If poisoning is suspected, or any symptoms are serious, immediately contact the poison control center, physician, or nearest hospital for instructions. Inform the contact of the name of the product, the type and amount of exposure, and symptoms the patient is experiencing. Seek medical advice if severe or persistent eye or skin irritation occurs.	

5. FIREFIGHTING MEASURES

5.1 Suitable Extinguishing Media:	Use multi-purpose dry chemical, CO ₂ , or foam extinguisher to extinguish a small fire in accordance with your company's established expectations.
Unsuitable Extinguishing Media:	Class A-only fire extinguishers, such as water based extinguishers, are not ideal for small fires on this material.
5.2 Specific Hazards Arising from the Chemical:	Hydrogen cyanide, carbon monoxide, and ammonia may be emitted if this product is burning.
5.3 Special Protective Actions for Firefighters:	To fight larger fires, use full protective clothing and a self-contained breathing apparatus. Evacuate nonessential personnel from area to prevent exposure to fire, smoke, fumes, or products of combustion. Dike and collect water runoff.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:	Using appropriate personal protective equipment specified in Section 8 – Exposure Control/Personal Protective Equipment, 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 and Material for Containment and Cleanup:	Using safe handling precautions established elsewhere in this material safety data sheet, attempt to control the spill at its source if safe to do so. Control the release of material to prevent contamination of soil or bodies of water. Sweep up any dry material collect for disposal. Clean area with detergent, absorb wash water with absorbents, and collect in a suitable container for disposal.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling:	Follow personal protective equipment recommendations as shown in Section 8 – Exposure Control/Personal Protection when handling this material, adjusted for specific handling methods and conditions, to prevent contact with this material. Wash thoroughly with soap and water after handling this material. Do not allow eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to this material. Follow label instructions carefully.
7.2 Conditions for Safe Storage:	Store this product in a well-ventilated area, in the original container. Secure material from access by children or domestic animals. Do not store this product near food, beverages, or tobacco products. Do not store with incompatible materials. Refer to Section 10 – Stability and Reactivity, for incompatible materials.

8. EXPOSURE CONTROL/PERSONAL PROTECTION**8.1 Occupational Exposure Limits:**

Material	CAS #	OSHA PEL	ACGIH TLV	Carcinogen		
				NTP	IARC	OSHA
Nuisance dust	NA	15 mg/m ³	15 mg/m ³ (mist)	No	No	No

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 container label.

Eye Contact:	If splashing or dusting can be reasonably anticipated, for instance while pouring the product into another container, wear chemical splash goggles.
Skin Contact:	Where skin contact is possible wear a suitable barrier such as chemical resistant gloves and chemical apron. Preferred glove materials include: butyl rubber, nitrile, polyethylene, and PVC.
Ingestion:	Do not allow eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to this material.
Inhalation:	A respirator is not normally needed for the incidental handling of this product. For spills or other situations that may generate elevated levels of vapor or dust use a suitable NIOSH certified respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White granule	Upper/Lower Explosive Limit:	NA
Odor:	Slight chemical	Vapor Pressure:	NA
Odor Threshold:	ND	Vapor Density:	NA
pH:	ND	Relative Density:	52-57 lbs/ft ³
Melting Point:	ND	Solubility:	Soluble
Boiling Point:	ND	Partition Coefficient, <i>n</i>-Octanol/Water	ND
Flash Point:	NA	Auto-Ignition Temperature:	ND
Evaporation Rate:	ND	Decomposition Temperature:	ND
Flammability:	NA	Viscosity:	ND

ND=No Data; NA=Not Applicable

10. STABILITY AND REACTIVITY

10.1 Reactivity:	Non-reactive under normal conditions.
10.2 Chemical Stability:	Stable under normal conditions.
10.3 Possibility of Hazardous Reactions:	Temperatures above 540°F cause a release of ammonia and sulfur trioxide
10.4 Conditions to Avoid:	Heat, sparks, open flame, and static electricity
10.5 Incompatible Materials:	Strong oxidizers, strong bases, chlorates, and nitrates

11. TOXICOLOGICAL INFORMATION

11.1 Likely Routes of Exposure:	Overexposure may occur by inhalation, ingestion, and absorption.
11.2 Skin Corrosion/Irritation:	This material is anticipated to be mildly irritating to the skin.
11.3 Serious Eye Damage/Irritation:	This material is anticipated to be severely irritating to the eyes.
11.4 Respiratory or Skin Sensitization:	This material is not suspected of being a sensitizer.
11.5 Germ Cell Mutagenicity:	No data
11.6 Carcinogenicity:	No data

Material	Carcinogen		
	NTP	IARC	OSHA
Cornbelt® Pro-One XL™	No	No	No

11.7 Reproductive Toxicity:	No data
11.8 STOT-Single Exposure:	No data
11.9 STOT-Long Term Exposure:	No data
11.10 Aspiration Hazard:	This product does not meet the definition of an aspiration hazard.
11.11 Acute Toxicology:	Ingestion: Oral LD ₅₀ ND
	Skin Contact: Dermal LD ₅₀ ND
	Inhalation: Inhalation LC ₅₀ (dust/mist) ND

12. ECOLOGICAL INFORMATION

<u>12.1 Ecotoxicity:</u>	This product is not expected to be toxic in the aquatic environment.
<u>12.2 Persistence and Degradability:</u>	No data
<u>12.3 Bioaccumulative Potential:</u>	No data
<u>12.4 Mobility in Soil:</u>	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

<u>14.1 DOT/UN ID Number:</u>	NA
<u>14.2 DOT/UN Proper Shipping Name:</u>	NA
<u>14.3 Transport Hazard Classes:</u>	NA
<u>14.4 Packing Group:</u>	NA
<u>14.5 Marine Pollutant:</u>	No

15. REGULATORY INFORMATION**15.1 EPCRA SARA Title III Classifications:**

Section 311/312 Hazard Classes:	Fire	N
	Pressure	N
	Reactive	N
	Acute	Y
	Chronic	N

Section 313 Chemicals: None

15.2 CERCLA/SARA 302 Reportable Quantity: None

16. OTHER INFORMATION

SDS Version: 2/4/2016

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.