



1. IDENTIFICATION

- 1.1 GHS Product Identifier:** Cornbelt® TROPHY GOLD™
- 1.2 Alternate Name(s):** None
- 1.3 Chemical Class:** Tank Mix Adjuvant
- 1.4 Active Ingredient:** A unique seed oil-derived, nonionic surfactant which replaces oil concentrates.
- 1.5 Recommended Use/Restrictions:** Please see the label for specific recommendations regarding this product.
- 1.6 Supplier's Details:** Van Diest Supply Company
 1434 220th St.
 Post Office Box 610
 Webster City, Iowa 50595
- 1.7 Emergency Phone Number:** FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 1-800-424-9300

2. HAZARDS IDENTIFICATION

- 2.1 Health Hazards:** Causes eye irritation Category 2A



Warning

Hazards:

H320 Causes eye irritation.

Prevention:

P264 Wash hands and other potentially contaminated body parts thoroughly after handling.

Response:

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.

Storage/Disposal:

No GHS Storage or disposal statements.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Material	CAS Number	GHS Class	% in Formulation
Proprietary blend of nonionic surfactants	N/A	2	75.0 – 100%
(2-Methoxymethylethoxy) propanol	34590-94-8	N/A	1.0 – 10.0%

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 for at least 10 minutes. 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:	If accidentally swallowed, obtain immediate medical attention. Keep at rest. 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):	Causes irritation to eyes.	
4.3 Indication of Need for Immediate Medical Attention:	Seek medical advice if severe or persistent eye irritation occurs.	

5. FIREFIGHTING MEASURES

5.1 Suitable Extinguishing Media:	Use any Class B fire extinguisher such as a 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:	Combustion may yield smoke, CO, and other products of incomplete combustion. Oxides of sulfur, nitrogen, and/or phosphorus may also be formed.
5.3 Special Protective Equipment and Precautions 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, and/or products of combustion. Dike and collect water runoff.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment, and Emergency Procedures:	Keep sources of ignition away from spill/release. 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 Methods and Material for Containment and Cleanup:	Do not allow spills to enter drains or watercourses. Using safe handling precautions established elsewhere in this 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. Cover spilled liquid material with non-combustible materials (e.g. sand, earth, and/or vermiculite). Sweep up any spilled dry or dried material or absorbent and 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, or 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, and/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
(2-Methoxymethylethoxy) propanol	34590-94-8	100 ppm (600 mg/m ³) Skin	100 ppm STEL: 150 ppm Skin	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 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, or PVC.
Ingestion:	Do not allow eating, drinking, tobacco use, and/or 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 and/or dust, use a suitable NIOSH-certified respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, golden liquid	Upper/Lower Explosive Limit:	ND
Odor:	Fatty	Vapor Pressure/Density:	ND
Odor Threshold:	ND	Relative Density:	0.98 – 1.01 @ 68°F
pH:	4 – 6 (1% in water)	Solubility	Dispersible
Melting Point:	ND	Partition Coefficient (n-Octanol/Water):	ND
Boiling Point:	ND	Auto-Ignition Temperature:	ND
Flash Point:	>200°F (SETA FLASH CC)	Decomposition Temperature:	ND
Evaporation Rate:	ND	Viscosity:	ND
Flammability:	Combustible	Other: DMSO ext by IP346 >3% wt (mineral oil component only)	

ND=No Data; NA=Not Applicable

10. STABILITY AND REACTIVITY

<u>10.1 Reactivity:</u>	Non-reactive under normal conditions.
<u>10.2 Chemical Stability:</u>	Stable under normal conditions.
<u>10.3 Possibility of Hazardous Reactions:</u>	Not anticipated.
<u>10.4 Conditions to Avoid:</u>	Extended exposure to high temperatures can cause decomposition.
<u>10.5 Incompatible Materials:</u>	Strong oxidizers, strong acids, strong bases
<u>10.6 Hazardous Decomposition Products:</u>	Oxides of carbon, sulfur, nitrogen, and/or phosphorus

11. TOXICOLOGICAL INFORMATION

<u>11.1 Likely Routes of Exposure:</u>	Overexposure may occur by inhalation, ingestion, and/or absorption.
<u>11.2 Skin Corrosion/Irritation:</u>	This material is not anticipated to irritate skin.
<u>11.3 Serious Eye Damage/Irritation:</u>	This material causes eye irritation.
<u>11.4 Respiratory or Skin Sensitization:</u>	This material is not suspected of being a sensitizer.
<u>11.5 Germ Cell Mutagenicity:</u>	This material is not suspected of being mutagenic.
<u>11.6 Carcinogenicity:</u>	This material is not suspected of being a carcinogen.

Material	Carcinogen		
	NTP	IARC	OSHA
(2-Methoxymethylethoxy) propanol	No	No	No

<u>11.7 Reproductive Toxicity:</u>	This material is not suspected of being a teratogen.									
<u>11.8 STOT-Single Exposure:</u>	Overexposure by vapor inhalation is unlikely under normal handling conditions.									
<u>11.9 STOT-Long Term Exposure:</u>	This material is not linked to long-term exposure effects.									
<u>11.10 Aspiration Hazard:</u>	This product does not meet the definition of an aspiration hazard.									
<u>11.11 Acute Toxicology:</u>	<table> <tr> <td>Ingestion:</td> <td>Oral LD₅₀</td> <td>>5,000 mg/kg</td> </tr> <tr> <td>Skin Contact:</td> <td>Dermal LD₅₀</td> <td>>5,000 mg/kg</td> </tr> <tr> <td>Inhalation:</td> <td>Inhalation LC₅₀ (dust/mist)</td> <td>ND</td> </tr> </table>	Ingestion:	Oral LD ₅₀	>5,000 mg/kg	Skin Contact:	Dermal LD ₅₀	>5,000 mg/kg	Inhalation:	Inhalation LC ₅₀ (dust/mist)	ND
Ingestion:	Oral LD ₅₀	>5,000 mg/kg								
Skin Contact:	Dermal LD ₅₀	>5,000 mg/kg								
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

Do not allow into drains or watercourses. Rinse containers thoroughly three times and use rinsate according to label instructions. Dispose of product containers, waster containers, and/or 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:

Not regulated.

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: (2-Methoxymethylethoxy) propanol

CERCLA/SARA 302 Reportable Quantity: None

16. OTHER INFORMATION

SDS Version: 10/27/2016

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.