



VAN DIEST SUPPLY COMPANY

Distributor and Manufacturer of Agricultural Chemicals

SAFETY DATA SHEET

1. IDENTIFICATION

1.1 GHS PRODUCT IDENTIFIER:	CORNBELT® COMPATIBILITY AGENT
1.2 ALTERNATE NAME(S):	None
1.3 ACTIVE INGREDIENT(S):	Surfactant
1.4 RECOMMENDED USE/RESTRICTIONS:	A proprietary blend of surfactants with solvent.
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

2.1 HEALTH HAZARDS:	Acute toxicity ingestion	Category 4
	Skin corrosion/irritation	Category 1B
	Serious eye damage/eye irritation	Category 1
2.2 PHYSICAL HAZARDS:	Flammable liquid	Category 4
2.3 ENVIRONMENTAL HAZARDS:	None expected.	
2.4 GHS LABEL ELEMENTS AND PRECAUTIONARY STATEMENTS:		



DANGER

HAZARDS:

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H227	Combustible liquid.

PREVENTION:

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P260	Do not breathe mist/vapors/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P280	Wear protective gloves/eye protection/face protection.

RESPONSE:

P301+P330+P331	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
P303+P361+P353	IF ON SKIN (OR HAIR): Immediately remove all contaminated clothing. Shower with water.
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician. (Applies to P301, P303, P305).

2. HAZARDS IDENTIFICATION**RESPONSE, continued:**

P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

P363 Wash contaminated clothing before reuse.

P370+P376 In case of fire: Stop leak if safe to do so.

STORAGE:

P403+P235 Store in a well-ventilated space. Keep cool.

P405+P234 Store locked up. Keep only in original container.

DISPOSAL:

P501 Dispose of contents and container in accordance with federal, state, and local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	COMMON NAME/SYNONYMS	CAS #	% IN FORMULATION
Proprietary surfactant blend with solvent (1)(2)	N/A	N/A	100.00%

(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:**

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

EYE CONTACT:	Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical attention.
SKIN CONTACT:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleaner. Do NOT use solvents or thinners.
INGESTION:	If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.
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.

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

No adverse symptoms or effects anticipated under normal handling conditions. See Section 2 - Hazards Identification for further details.

4.3 INDICATION OF NEED FOR IMMEDIATE MEDICAL ATTENTION:

EYES:	Causes serious eye damage.
SKIN:	Harmful in contact with skin. Causes severe skin burns and eye damage.
INGESTION:	Harmful if swallowed.

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

Alcohol resistant foam, CO₂, powder, water spray.

5.2 UNSUITABLE EXTINGUISHING MEDIA:

Do not use water jet.

5. FIREFIGHTING MEASURES, continued**5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**

Can be dangerous when exposed to heat and flame. Vapors may concentrate in confined areas. Irritating or toxic substances may be emitted upon thermal decomposition. Thermal decomposition products may include oxides of carbon and phosphorus as well as smoke and fumes. May react with metals such as aluminum and mild steel which may liberate dangerous hydrogen gas. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe mist/vapors/spray.

5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

Evacuate area. Prevent contamination from run-off adjacent areas, streams, drinking water, and/or sewers. Do not flush down sewers or other drainage systems. Exposed firefighters must wear standard protective equipment and a 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:**

Remove source(s) of ignition. In case of a major spill or spillage in a confined space, evacuate area and check solvent vapor levels before reentering.

6.2 ENVIRONMENTAL PRECAUTIONS:

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.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:

SMALL SPILL OR LEAK: Ventilate the area and avoid breathing vapors and mists. Take the personal protective measures listed in Section 8 - Exposure Control/Personal Protection. Dilute with water and mop up, or absorb with an inert, dry material, and place in an appropriate waste disposal container.

LARGE SPILL OR LEAK: Stop leak if able to do so without risk. Absorb with dry earth, sand, and/or other non-combustible materials. Do not get water inside the container. Do not touch spilled material. Use a water spray curtain to divert vapor drift. Use water spray to reduce vapors. Prevent entry into sewers, basements, or confined areas; dike if necessary. Use personal protective measures listed in Section 8 - Exposure Control/Personal Protection.

7. HANDLING AND STORAGE**7.1 CONDITIONS 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, or smoking. Remove contaminated clothing and clean before reuse. Destroy contaminated belts, shoes, or other items that cannot be decontaminated. See Section 2 - Hazards Identification for further details. Follow person 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/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 in a tightly closed container in a dry, well-ventilated area away from excessive heat and incompatibles, which include: strong acids, strong bases, oxidizing agents, and alkalis. See Section 2 - Hazards Identification (Storage) for further details.

8. EXPOSURE CONTROL/PERSONAL PROTECTION**8.1 OCCUPATIONAL EXPOSURE LIMITS:**

MATERIAL	CAS #	OSHA PEL	ACGIH TLV	CARCINOGEN		
				NTP	IARC	OSHA
2-Butoxy-ethanol	111-76-2	Skin: 50 ppm; 240 mg/m ³	20 ppm	No	No	No
Phosphoric acid	7664-38-2	1 mg/m ³	1 mg/m ³ ; STEL 3 mg/m ³	No	No	No

8. EXPOSURE CONTROL/PERSONAL PROTECTION, continued**8.1 OCCUPATIONAL EXPOSURE LIMITS, continued:**

This product contains no ingredients (>0.1%) that are suspected of being or known to be a carcinogen under OSHA, NTP, or IARC.

8.2 ENGINEERING CONTROLS:

Provide exhaust ventilation or other engineering controls to keep airborne concentrations of vapor below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work station location.

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.

EYE CONTACT:	If splashing can be reasonably anticipated, for instance while pouring the product into another container, wear chemical splash goggles.
SKIN CONTACT:	Overalls, which cover the body, arms, and legs, should be worn. Wear protective gloves and suitable footwear. Skin should not be exposed. All parts of the body should be washed after contact.
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:	The use of an appropriate, certified respirator is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid
ODOR:	Mild
ODOR THRESHOLD:	ND
pH:	2
MELTING POINT:	ND
BOILING POINT:	ND
FLASH POINT:	174°F SETA CC
EVAPORATION RATE:	ND
FLAMMABILITY:	N/A (solid, gas)
UPPER/LOWER EXLOSIVE LIMIT:	ND
VAPOR PRESSURE:	ND
VAPOR DENSITY:	ND
RELATIVE DENSITY:	ND
SOLUBILITY:	Soluble
PARTITION COEFFICIENT (n-Octanol/Water):	ND
AUTO-IGNITION TEMPERATURE:	ND
DECOMPOSITION TEMPERATURE:	ND
VISCOSITY:	ND

ND: No Data; N/A: Not Applicable

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

May be reactive with aluminum and other susceptible metals. May react with strong bases.

10.2 CHEMICAL STABILITY:

Stable under normal conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Not anticipated.

10. STABILITY AND REACTIVITY, continued

10.4 CONDITIONS TO AVOID:

Extreme heat/open flame/incompatibles.

10.5 INCOMPATIBLE MATERIALS:

Strong acids, strong bases, oxidizing agents, alkalis.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

Not anticipated under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

INGREDIENT	ORAL LD ₅₀ , mg/kg	SKIN LD ₅₀ , mg/kg	INHALATION DUST/MIST/VAPOR LD ₅₀ , mg/L/4hr		
Proprietary Blend	1,500; Category 4	1,100; Category 4	No data available.		
ITEM		CATEGORY	HAZARD		
Acute toxicity (mouth)		4	Harmful if swallowed.		
Acute toxicity (skin)		4	Harmful in contact with skin.		
Acute toxicity (inhalation)		N/A	N/A		
Skin corrosion/irritation		1B	Causes severe skin burns and eye damage.		
Eye damage/irritation		1	Causes serious eye damage.		
Sensitization (respiratory)		N/A	N/A		
Sensitization (skin)		N/A	N/A		
Germ toxicity		N/A	N/A		
Carcinogenicity		N/A	N/A		
Reproductive toxicity		N/A	N/A		
Specific target organ system toxicity (single exposure)		N/A	N/A		
Specific target organ system toxicity (repeated exposure)		N/A	N/A		
Aspiration hazard		N/A	N/A		
MATERIAL			CARCINOGEN		
			NTP	IARC	OSHA
Proprietary Blend			No	No	No

12. ECOLOGICAL INFORMATION

12.1 ECOTOXICITY:

This product is not expected to be harmful to the aquatic environment.

12.2 PERSISTENCE AND DEGRADABILITY:

No data.

12.3 BIOACCUMULATIVE POTENTIAL:

No data.

12.4 MOBILITY IN SOIL:

No data.

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or watercourses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Agency. Advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply or not, before using information provided in this Safety Data Sheet.

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

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

ID:	UN 1760
PROPER SHIPPING NAME:	UN 1760 Corrosive Liquids, N.O.S. (contains phosphoric acid), 8 (3) PG III RQ 45, 348lbs. (phosphoric acid), ERG 154
HAZARD CLASS:	8 (3) Corrosive Liquid
PACKING GROUP:	III (ethylene glycol monobutyl ether)

14.2 ICAO/IATA CLASSIFICATION:

UN 1760:

UN 1760 Corrosive Liquid, N.O.S. (contains phosphoric acid), 8 PG III

15. REGULATORY INFORMATION**15.1 OVERVIEW:**

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

All ingredients of this product are listed on the TSCA (Toxic Substance Control Act).

Inventory is not required to be listed on the TSCA Inventory.

15.2 US EPA TIER II HAZARDS:

FIRE:	Yes
RELEASE OF PRESSURE:	No
REACTIVE:	No
IMMEDIATE (ACUTE):	Yes
DELAYED (CHRONIC):	No

15.3 EPCRA 311/312:

CHEMICALS AND RQs (>0.1%):	Phosphoric acid (5,000.00)
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15.4 EPCRA 302

EXTREMELY HAZARDOUS (>0.1%):	No product ingredients listed.
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15.5 EPCRA 313:

TOXIC CHEMICALS (>0.1%):	2-Butoxy-ethanol
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15.6 PROPOSITION 65:

CARCINOGENS (>0.0%):	1,4-Dioxane, acetaldehyde, oxirane
MALE/FEMALE REPRODUCTIVE TOXINS (>0.0%):	Oxirane

15.7 NJ, PA RTK SUBSTANCES (>1%):

CARCINOGENS (>0.0%):	1,4-Dioxane, acetaldehyde, oxirane
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16. OTHER INFORMATION

SDS VERSION: 1/12/2018

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.