



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:	May be harmful if swallowed	Category 5
	Causes severe skin burns and eye damage	Category 1B
	Causes serious eye damage	Category 1
2.2 PHYSICAL HAZARDS:	Combustible liquid	Category 4
2.3 ENVIRONMENTAL HAZARDS:	None expected.	
2.4 GHS LABEL ELEMENTS AND PRECAUTIONARY STATEMENTS:		



DANGER

HAZARDS:

H303	May be harmful if swallowed.
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.
P280	Wear protective gloves/eye protection/face protection.

RESPONSE:

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+P361+P353	IF ON SKIN (OR HAIR): Immediately remove all contaminated clothing. Shower / rinse skin with water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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, P304, P305).

2. HAZARDS IDENTIFICATION

RESPONSE, continued:

- P363 Wash contaminated clothing before reuse.
- P370+P378 In case of fire: Use alcohol resistant foam CO₂, powder, water spray for extinction. Do NOT use water jet.

STORAGE:

- P403 Store in a well-ventilated space.
- P405 Store locked up.

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)	N/A	Trade Secret	100.00%

(1) Substance classified with a health or environmental hazard.

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:	Causes severe skin burns and eye damage.
INGESTION:	May be 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:

Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion. Oxides of sulfur, nitrogen or phosphorus may also be formed.

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. ERG Guide 132.

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:

SPILL CONTAINMENT AND CLEAN UP: Stop leak if able to do so without risk. Ventilate the area and avoid breathing vapors and mists. Take the personal protective measures listed in Section 8 - Exposure Control/Personal Protection. Contain the spill. Dilute with water and mop up, or absorb with an inert, dry material. Place in an appropriate waste disposal container, and dispose of according to the Waste Regulations (see Section 13). Clean area, preferably with a detergent. Do not use solvents. Do not allow to enter drains or watercourses. If drains, sewers, streams, or lakes are contaminated, inform the local water company immediately. In the case of contaminated streams, rivers, or lakes, the Environmental Protection Agency should also be informed.

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. Incompatible materials: Oxidizing agents. 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	Group 3: Unclassifiable	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**8.2 ENGINEERING CONTROLS:**

Provide local exhaust ventilation and good general extraction to keep airborne concentrations of particulates and vapor below 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:	If exposed to concentrations above the exposure limit, the use of an appropriate, certified respirator is required..

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid
ODOR:	Mild
ODOR THRESHOLD:	ND
pH:	2-3 (1% dilution)
MELTING POINT:	ND
BOILING POINT:	ND
FLASH POINT:	174°F SETA CC
EVAPORATION RATE:	ND
FLAMMABILITY:	N/A (solid, gas)
UPPER/LOWER EXPLOSIVE LIMIT:	ND
VAPOR PRESSURE:	ND
VAPOR DENSITY:	ND
RELATIVE DENSITY:	ND
SOLUBILITY:	Soluble
PARTITION COEFFICIENT (<i>n</i>-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:**

Not chemically reactive.

10.2 CHEMICAL STABILITY:

Stable under normal ambient and anticipated conditions of use.

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:

Oxidizing agents.

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	N/A	11; Category 4

ITEM	CATEGORY	HAZARD
Acute toxicity (mouth)	4	Harmful if swallowed.
Acute toxicity (skin)	4	N/A
Acute toxicity (inhalation)	4	Harmful if inhaled
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:

No additional information provided for this product.

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. Dispose of contents in accordance with local and national regulations.

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 2924		
PROPER SHIPPING NAME:	UN 2924 Flammable Liquid, Corrosive, N.O.S. (contains phosphoric acid and ethylene glycol monobutyl ether mixtue), 3 (8) PG III RQ 5,000 lbs. (phosphoric acid), ERG 132		
HAZARD CLASS:	3 (8)	 	
PACKING GROUP:	III (ethylene glycol monobutyl ether)		

14.2 IMDG CLASSIFICATION:

UN 2924: Not a marine pollutant.

UN 2924 Flammable Liquid, Corrosive, N.O.S. (contains phosphoric acid and ethylene glycol monobutyl ether mixtue), 3 (8) PG III

14.3 ICAO / IATA:

See bill of lading.

14.4 CERCLA/DOT RQ:

45,249 pounds; 5,432 gallons

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 or are 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-butoxyethanol
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15.6 PROPOSITION 65:

CARCINOGENS (>0.0%):	1,4-dioxane, acetaldehyde, ethylene oxide
MALE/FEMALE REPRODUCTIVE TOXINS (>0.0%):	ethylene oxide

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

	2-butoxyethanol, phosphoric acid
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16. OTHER INFORMATION

SDS VERSION: 5/25/2022

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.