



# CORNBELT<sup>®</sup> ARCTIC-SHIELD<sup>™</sup>

## HIGH CONCENTRATION WINTERIZER

### ACTIVE INGREDIENTS:

Propylene Glycol .....	50%
Inert Ingredients (Corrosion Inhibitors, Seal Conditioner, and Defoaming Agent).....	50%
<b>TOTAL .....</b>	<b>100%</b>

**STOP – READ ENTIRE LABEL BEFORE USING  
AND  
KEEP OUT OF REACH OF CHILDREN**

### HAZARD STATEMENTS

None

### PRECAUTIONARY STATEMENTS

Do not get in eyes, on skin, or on clothing. Do not breath vapors or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, and/or smoking. Remove contaminated clothing and clean before re-use. Destroy contaminated belts, shoes, and other items that cannot be decontaminated. Keep ignition sources away from spills and/or releases.

### FIRST AID

**IF SWALLOWED:** If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

**IF ON SKIN:** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Do NOT use solvents and/or thinners.

**IF IN EYES:** Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention. Remove contact lenses if present and easy to do.

**IF INHALED:** 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 medical attention. Give nothing by mouth.

Van Diest Supply Company  
1434 220th Street, Webster City, Iowa 50595  
515-832-2366

**Net Contents: 2.5 gallons**

## PRECAUTIONARY STATEMENTS

**WARNING:** Causes skin irritation and eye irritation. Read and follow all precautionary statements on the accompanying label(s).

### FIRST AID

**IF SWALLOWED:** Call a POISON CONTROL CENTER or doctor/physician if you feel unwell. Rinse mouth.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.

**IF IN EYES:** Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation occurs, get medical advice/attention.

### USE PRECAUTIONS

Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, eye protection and face protection.

### STORAGE AND DISPOSAL

**STORAGE:** Keep this container tightly closed. Store in original container. Do not store in aluminum, copper, zinc, or mild steel containers. Do not allow water or other chemicals to be introduced into contents of container. Do not contaminate water sources with equipment wash water, spray disposal wastes or by cleaning of equipment. Do not store near feed or food products.

**DISPOSAL:** Dispose of contents and container in accordance with federal, state, and local regulations.

### GENERAL INFORMATION

CORNBELT® ARCTIC-SHIELD™ has a higher concentration of active ingredient to protect to a lower burst & freeze point than other products. The freeze point is when ice crystals begin to form, and a burst point is when hardening of the product and complete freeze and expansion has occurred. The lower burst point helps prevent possible damage to pipes, containers, and/or tanks. CORNBELT® ARCTIC-SHIELD™ will help protect chemical resistant seals, such as EPDM and Viton® seals from drying out and cracking during storage under intense weather conditions. CORNBELT® ARCTIC-SHIELD™ is capable of protecting equipment from temperatures as low as -60 °F. As CORNBELT® ARCTIC-SHIELD™ does not contain ethyl alcohol, it is safe to use with all traditional agricultural equipment plumbing and stainless steel plumbing. CORNBELT® ARCTIC-SHIELD™ does not contain ethanol which can dry out seals. Water can be added to adjust both the freeze and burst points based on spray system specifications or desired freeze/burst point.

### DIRECTIONS FOR USE

Prepare required number of gallons to completely fill pump, filter and booms of sprayer. Add product to spray tank and circulate through the system to fill all components. Use a similar method for other pieces of equipment. Follow the specified directions provided by the equipment manufacturer for winterizing and storage. It is recommended to mix to a level of protection at least 5 °F below the expected lowest temperature for the area the equipment will be stored. This product may be captured for reuse, but should be discarded and replaced yearly or when contamination or further dilution beyond the desired level has occurred.

**WARNING:** Read and follow all equipment manufacturer directions for winterization and storage. Do not use if the equipment manufacturer prohibits the use of propylene glycol for winterizing and storage.

### USE RATE

Use the chart below to determine the amount of CORNBELT® ARCTIC-SHIELD™ and distilled water to combine to achieve the desired level of equipment protection.

CORNBELT® ARCTIC-SHIELD™ Dilution Rate in order to Achieve Desired Freeze/Burst Point Threshold:		
Ounces of Distilled Water to add per gallon of CORNBELT® ARCTIC- SHIELD™ to Achieve Desired Freeze/ Burst Point Temperature	Desired Freeze Point Protection (°F)	Desired Burst Point Protection (°F)
0	-30	-60
6	-22	-60
15	-17	-60
26	-8	-60
34	-6	-50
47	0	-40
63	3	-30
90	9	-18

### CONDITIONS OF SALE AND WARRANTY

The directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Equipment damage, bursting, leaking, ineffectiveness or other unintended consequences may result beyond the control of Van Diest Supply Company or the Seller. All such risks shall be assumed by the Buyer. Van Diest Supply Company warrants that this product conforms to the chemical description on the label and is a reasonable fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. VAN DIEST SUPPLY COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL VAN DIEST SUPPLY COMPANY OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Van Diest Supply Company and the seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Van Diest Supply Company.

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