

2021-0592
2021-08-19

AGRICULTURAL

CORNERSTONE SURFACTANT

COMMERCIAL

NON-IONIC

Penetrating Surfactant, pH Adjuster, Deposition Aid and Harvest Aid

ACTIVE INGREDIENT: Surfactant blend.....100%

Emulsion

Warning, contains the allergen soy

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN
REGISTRATION NO. 33232 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1-1000 LITRES, Bulk

Norac Concepts Inc.
P.O. Box 31097
Guelph, ON
N1H 8K1
(519) 821-3633

2021-0592
2021-08-19

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

FIRST AID

IF SWALLOWED:

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

Treat symptomatically.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

HANDLING

During mixing, loading, application, spill clean-up and sprayer clean-up, maintenance or repair, wear a long-sleeved shirt, long pants, socks and shoes and chemical resistant gloves. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after handling. Avoid breathing spray mist. Store away from food or feed. Do not contaminate water supplies, wetland areas, or any body of water by direct application, spray drift or when cleaning and rinsing spray equipment or containers.

When applied as a tank-mix combination, read and observe all label directions, including rates, personal protective equipment, restrictions and precautions for each product used in the tank-mix. Always use in accordance with the most restrictive label restrictions and precautions.

RE-ENTRY

Workers should not enter treated fields within the period of re-entry time stated on the label of the pesticide applied in conjunction with Cornerstone Surfactant.

STORAGE

Store in a cool, dry and well-ventilated area. Keep in original container tightly closed in a safe place when not in use. Keep away from food, drink and animal feedstuffs.

SPILL CLEANUP

Soak up spill with absorbent material (kitty litter, granular clay, soil) and collect into a waste container. Wash spill site with water after material pick-up and dispose with waste. See DISPOSAL statement below.

DECONTAMINATION AND DISPOSAL

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean up of spills.

CONTAINER DISPOSAL

FOR DISPOSAL OF PLASTIC JUGS:

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

2021-0592
2021-08-19

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

FOR REFILLABLE CONTAINERS:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose. If the container is not being refilled, refer to the section FOR DISPOSAL OF PLASTIC JUGS.

EMERGENCY TELEPHONE NUMBER: All hours, (613) 787-5620 ONLY for health and environmental information.

DIRECTIONS FOR USE

The rate of Cornerstone Surfactant is indicated for the control product spray mixtures or other uses listed below. Control product spray mixtures, their preparation and uses are to be derived from the individual labels for the control products.

PENETRATING SURFACTANT FOR USE WITH THE FOLLOWING CONTROL PRODUCTS	APPLICATION RATE OF CORNERSTONE SURFACTANT	Remarks
GLYPHOSATES SUCH AS: Touchdown Total, Roundup Weathermax with Transorb 2 Technology Liquid Herbicide, Roundup Ultra2 Liquid Herbicide, Roundup Transorb Liquid Herbicide, R/T 540 Liquid Herbicide, Vantage Plus Max Herbicide, Glyphos Soluble Concentrate Herbicide II, Glyphos Bio 450 Herbicide, IPCO Factor 540 Liquid Herbicide, Co-op Vector 540 Liquid Herbicide, Credit 45 Herbicide, Credit Xtreme Herbicide, Renegade HC Liquid Herbicide, Maverick III Herbicide, Guardsman Glyphosate,	Use 0.25-0.5 % v/v (2.5-5 L of Cornerstone Surfactant per 1,000 L spray mixture)	Follow non-ionic surfactant rate recommendations on product labels and use only as required.
Telar Herbicide Toss-N-Go Bags, Telar XP Herbicide.	1 L/1000 L	Add Cornerstone Surfactant as the last ingredient. Flat-Out Antifoam agent may be required. Consult each product label for use.
Everest 70 Water Dispersable Granular Herbicide, Everest Solupak 70 DF, Sierra 70 WDG Herbicide, Sierra 2.0 Herbicide, Sierra 3.0 Herbicide, Sierra 3.0 AG Herbicide, Everest 2.0 Herbicide, Everest 3.0 Herbicide, Everest 3.0 AG Herbicide.	2.5 L/1000 L	For use on spring wheat and durum wheat
Ally Herbicide, Ally Herbicide Toss-N-Go 60% Dry Flowable, Refine Extra 75DF Herbicide, Refine Extra 75 Toss-N-Go Herbicide, Escort Herbicide, Clearview Herbicide. Sightline A Herbicide, Reclaim A Herbicide, Reclaim II A Herbicide	2 L/1000 L	Add Cornerstone Surfactant as the last ingredient. Flat-Out Antifoam agent may be required. Consult each product label for use.
Pursuit 240, Pursuit Herbicide For Soybeans (Agricultural), Pursuit Herbicide, Pursuit 70 DG Herbicide, Aim EC Herbicide, Signal Herbicide, Nufarm Clodinafop Herbicide, Adama Ladder 240 EC, Cadillac, Simplicity Herbicide, Simplicity GoDri Herbicide, Overdrive Herbicide, Bullwhip 240 EC Herbicide, Assure II Herbicide, Yuma GL Liquid EC Herbicide, IPCO Contender Herbicide, Truvist Herbicide, Navius FLEX Herbicide, Navius VM Herbicide, Guardsman Gladiator.	2.5 L/1000 L	Add Cornerstone Surfactant as the last ingredient. Consult each product label for use information. For the high rate of Signal Herbicide, Nufarm Clodinafop Herbicide, Adama Ladder 240 EC Herbicide, Cadillac, Bullwhip 240 EC Herbicide 290 ML/Ha, use with 0.32% V/V (3.2 L/1000 L) Cornerstone Surfactant. For use with Assure II, Yuma GL Liquid Herbicide, IPCO Contender Herbicide, Herbicide, Apply 2.5-5.0L/1,000L (0.25 – 0.50% V/V). Use the higher concentration under conditions not conducive to good growth of target weeds. See product labels.

2021-0592
2021-08-19

Fulfill 50WG, Endeavor 50WG	5.0 L/1000 L	For aphid control. Follow product labels for instructions.
-----------------------------	--------------	--

HARVEST AID FOR USE WITH THE FOLLOWING DESICCANTS	APPLICATION RATE OF CORNERSTONE SURFACTANT	Remarks
Reglone Desiccant, Dessicash, Stage, Bolster Desiccant, Diquat 240, MasterLine Diquat, Craven, Co-op Bolster Desiccant, Desica, Guardsman Diquat, Armory 240 Herbicide, Agrogill Diquat Desiccant.	1 L/1000 L	Do not use Cornerstone Surfactant with these products for corn spurry control and for potato vine killing except as recommended for use in the prairie provinces with the 1.25 L/ha rates.

pH ADJUSTER/ACIDIFIER	APPLICATION RATE OF CORNERSTONE SURFACTANT	Remarks
Highly alkaline water with pH of 8.0 or higher.	Use 625 mL to 1.25 L of Cornerstone Surfactant per 1,000 L of water mixture.	Many herbicides are weak acid formulations where the performance is affected by the pH level of the tank mix. Cornerstone Surfactant conditions the mixing water for better stability by acidification which helps improve penetration into and through waxy cuticles. Works with pesticides that are sensitive to high pH. Conditions mixing water that is alkaline. Add Cornerstone Surfactant after filling the tank from 1/3 to 1/2 of the desired level of water. Add the recommended rate then continue agitation and add pesticides and finish filling the tank.
Mildly alkaline/acid water with pH of 6.5 to 8.0.	Use 300 mL to 625 mL of Cornerstone Surfactant per 1,000 L of water mixture.	

DEPOSITION AID, DRIFT REDUCTION AGENT	APPLICATION RATE OF CORNERSTONE SURFACTANT	Remarks
Tank mix with glyphosate.	Use 0.25 % v/v to 0.5% v/v (2.5 L to 5.0 L per 1,000 L of spray mixture.)	Ensures consistent spray droplet size to allow for uniform deposition of spray droplets on plant surfaces. Reduces drift potential by reducing the incidence of small droplets. Follow all directions and precautions on tank mix partner labels.

NOTE: Do not exceed the recommended rate of Cornerstone Surfactant particularly with products containing their own wetting agent. Too much wetting agent can lead to loss of spray due to excessive run-off. Consult each product label for complete use instructions. **As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.**

® Cornerstone is a registered trademark of Norac Concepts Inc. TM - All other products listed are trademarks or registered trademarks of their respective companies