

2022-3561
2023-12-21

Container

Excel 70

COMMERCIAL
SOLUTION

NON-IONIC

PENETRATING SURFACTANT, pH ADJUSTER,
DEPOSITION AID AND HARVEST AID

DANGER: CAUSES SKIN AND EYE IRRITATION

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL AND BOOKLET BEFORE USING

PROTECT FROM FREEZING

REGISTRATION NO. 33392 PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENT: Surfactant Blend 80%

WARNING: Contains the allergen soy.

IN CASE OF EMERGENCY DUE TO A MAJOR SPILL, FIRE OR POISONING
INVOLVING THIS PRODUCT CALL CHEMTREC: 800-424-9300

Keystone Specialty Chemicals
120 Stryker Lane Unit 202A/B
Hillsborough, NJ 08844
908-829-2913

NET CONTENTS: 3.78 – 1000 L

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Can cause skin and eye irritation. The vapours are irritating to the eyes, nose and throat. Do not get in eyes or on skin.

Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. Gloves are not required during application within a closed cab and/or cockpit.

DO NOT allow the pilot to mix chemicals to be loaded onto the aircraft. The pilot is allowed to load premixed chemicals with a closed system. Avoid contact with skin, eyes or clothing. Avoid breathing vapours or mist. Use adequate ventilation. Wash thoroughly after handling. Harmful if swallowed. Keep container closed during storage.

Read and observe all label directions, including directions for use, precautions, restrictions, environmental precautions and spray buffer zones for each product used in the tank mix. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed.

DO NOT enter or allow worker entry into treated areas during the restricted-entry intervals stated on the label of the pesticide applied in conjunction with Excel 70.

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity, such as houses, cottages, schools and recreational areas, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

FIRST AID

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 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.

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 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 treatment advice.

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

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE

Store this product away from food or feed.

DISPOSAL

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.

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

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

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 reuse this container for any other purpose.

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.

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.

Booklet

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DIRECTIONS FOR USE:

1. PENETRATING SURFACTANT

USE	RATE	REMARKS
Tank mix with Glyphosate*	Use 0.25-0.5% V/V (2.5 L - 5 L of EXCEL 70 per 1000 L spray mixture or 250 ml - 500 ml of EXCEL 70 per 100 L of spray mixture)	Include EXCEL 70 in the spray solution with glyphosate only where a non-ionic surfactant is required and at the non-ionic surfactant rate specified on the glyphosate product label and that is within 0.25-0.5% v/v.

* Excel 70 is a water-soluble non-ionic agent that is recommended for use with Glyphosate products, such as GLYFOS® brand herbicides and ROUNDUP® brand herbicides, RENEGADE HC LIQUID HERBICIDE®, VISION SILVICULTURE HERBICIDE®, VISIONMAX SILVICULTURE HERBICIDE.

TANK MIX PARTNERS

CROP	WEEDS	RATE	REMARKS
Spring Wheat Including: Hard red spring, Canada Prairie spring, soft white spring and extra strong (utility) wheat	Wild Oats, Green Foxtail (Wild Millet) and Broad Leaf Weeds listed on the broadleaf herbicide label	EVEREST 3.0 or EVEREST 3.0 AG HERBICIDE at their respective label rates +EXCEL 70 at 0.25%v/v (2.5L/1000L) +2,4-D Amine 500 or 2,4-D Amine 600 or 2,4-D Ester 700 or Buctril M or Estaprop or Dichlorprop-D or Refine Extra + 2,4-D Amine 500 or Refine Extra + 2,4-D Amine 600 or Thumper or MCPA ESTER 500 at 840 mL/ha	Follow all directions and precautions on the tank-mix partner labels.
Durum Wheat	Wild Oats, Green Foxtail (Wild Millet) and Broad Leaf Weeds listed on the broadleaf herbicide label	EVEREST 3.0 or EVEREST 3.0 AG HERBICIDE at their respective label rates +EXCEL 70 at 0.25%v/v (2.5L/1000L) +2,4-D Amine 500 or 2,4-D Amine 600	Follow all directions and precautions on the tank-mix partner labels.

		or 2,4-D Ester 700 or Buctril M or Estaprop or Dichlorprop-D or Refine Extra + 2,4-D Amine 500 or Refine Extra + 2,4-D Amine 600 or Thumper	
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CROP	INSECTS	RATE	REMARKS
Potato	Aphids listed on the FULFILL 50 WG INSECTICIDE label.	FULFILL 50 WG INSECTICIDE +EXCEL 70 at 0.5%V/V (5L/1000L)	Follow all directions and precautions on the tank-mix partner label.

2. pH ADJUSTER/ACIDIFIER

USE	RATE	REMARKS
Highly alkaline water (pH 8 or higher)	Use 625 mL to 1.25 L of EXCEL 70 per 1000 L water mixture.	Alkaline water, even mildly alkaline, causes alkaline hydrolysis or degradation of many pesticides. Some chemicals degrade in less time than it takes to put out a tank of spray. When mixed with spray solutions, EXCEL 70 neutralizes or slightly acidifies the spray solution. EXCEL 70 prevents the breakdown hydrolysis, e.g. pH sensitive products, in the spray tank. To reduce chemical hydrolysis, an acid based product like EXCEL 70 can be used. It can effectively lower the pH of water that is mixed with pesticides. Add EXCEL 70 before adding the pesticide.
Mildly alkaline water (pH 6.5 to 8)	Use 300 to 625 mL of EXCEL 70 per 1000 L water mixture.	

3. DEPOSITION AID, DRIFT REDUCTION AGENT

USE	RATE	REMARKS
Tank mix with Glyphosate*	Use 0.25 - 0.5% V/V (2.5 L - 5 L of EXCEL 70 per 1000 L spray mixture)	EXCEL 70 improves deposition and reduces drift potential by producing a more uniform spray pattern. EXCEL 70 reduces the incidence of small droplets. Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Follow all directions and precautions on the tank mix partner labels.

4. HARVEST AID – Tank Mix with diquat, such as Reglone® Desiccant and Stage Desiccant

Use 0.25% v/v EXCEL 70 (2.5L of EXCEL 70 per 1000 L of spray solution).

Follow all directions and precautions on the Reglone and Stage Desiccant label.

CROPS	Reglone or	APPLICATION	APPLICATION	CROP CONDITION
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	Stage Desiccant RATE (L/ha)	METHOD	VOLUME (L/ha)	
Beans - White Kidney, Red Kidney, Soybeans and Adzuki beans.	1.25-1.7	Ground	225-550	Full Canopy, few weeds (normal crop).
	1.7-2.1	Aerial	At least 45	
	1.7	Ground	225-550	Heavy crop stand and/or weedy crop and/or heavy vine regrowth.
	2.3	Aerial	At least 45	
Lentils	1.25-1.7	Ground	225-550	Full Canopy, few weeds (normal crop).
	1.7	Aerial	At least 45	
	1.7	Ground	225-550	Very dense canopy and/or weedy crop.
	2.3	Aerial	At least 45	
Potato – Vine Killing (Prairie Provinces only)	1.25	Ground	550-1100	Top growth fully mature, little or no weeds.

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