

Fresh Pack™ 50EC

EMULSIFIABLE CONCENTRATE
FOR AGRICULTURAL USE ON POTATOES

ACTIVE INGREDIENT	BY WEIGHT
Clove Oil	50.0%
OTHER INGREDIENTS	
Ethyl Lactate	50.0%
TOTAL	100.0%

Registration. No. **2749-25(B)-001**

Contains 4.33 pounds active ingredient per gallon.

NOTICE: This product has not been registered by the United States Environmental Protection Agency. Actylis represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide, and Rodenticide Act.

KEEP OUT OF REACH OF CHILDREN DANGER



PRECAUTIONARY STATEMENTS

Harmful if swallowed or in contact with skin. Causes serious eye irritation. May cause respiratory irritation, drowsiness or dizziness. Avoid contact with eyes, skin or clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
If Swallowed	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
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 center or doctor for treatment advice.
If on Skin or Clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center 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 center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

EMERGENCY INFORMATION

For spill, leak, fire, exposure or accident call CHEMTREC® 1-800-424-9300. Outside the USA 1-703-527-3887

ENVIRONMENTAL HAZARD

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA

PHYSICAL HAZARD AND CHEMICAL HAZARD

Do not store near heat or open flame. In case of fire, use water, spray, foam, dry chemical or CO2.

Manufactured by: Actylis, 4 Tri Harbor Court, Port Washington, NY 11050 516-627-6000

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on the EPA chemical resistance category selection chart.

Workers must wear: chemical resistant gloves (such as nitrile, butyl, neoprene, and/or barrier laminate) while handling potatoes which are wet.

Mixers, Loaders, Applicators and all other handlers must wear:

- Long sleeved shirt and long pants,
- Socks and shoes, and
- Chemical resistant gloves made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.
- Wear protective eye wear such as goggles, face shield and/or shielded safety glasses.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

For re-entry into treated areas during application and prior to ventilation or settling of aerosol fog, workers must wear coveralls or long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves (such as nitrile or butyl); face-sealing goggles, (unless a full-face respirator is worn); a NIOSH approved respirator with an organic vapor-removing cartridge with any N, R or P filter (NIOSH approval prefix TC-84A) or a canister approved for organic vapor (NIOSH approval number prefix TC-14G). If the enclosed area contains less than 19.5 percent oxygen, the respirator must be one of the following types: A supplied-air respirator (NIOSH approval number prefix TC-19C) or a self-contained breathing apparatus SCBA) (MSHA/NIOSH approval number prefix TC13F).

DIRECTIONS FOR USE

Do not apply this product in a way that will contact workers or other persons either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

NOTICE:

Do not apply in the field.

Do not use on seed potatoes.

Do not use Fresh Pack 50 EC on potatoes infected with bacterial Soft Rot, Late Blight or other tuber borne diseases.

Use caution when applying Fresh Pack 50 EC on Red, Yellow, White or any other thin skinned varieties of potatoes and/or on potatoes coming directly out of the field or short term storage.

Fresh Pack 50 EC is for use on potatoes after harvest. Potatoes must be cured prior to treatment and, for maximum sprout inhibition, should be washed clean.

For use as a post-harvest application product by Forced Air Distribution (Thermal Fogging) or On Line Application.

APPLICATION

Forced Air Distribution Method – Potatoes in Storage: Insert aerosol generator intake hose to Fresh Pack 50 EC container. Set air ducts for recirculation. Place exhaust end of aerosol generator at center of plenum (air mixing chamber) pointing it in direction of air flow. This will assure the best possible distribution of Fresh Pack 50 EC throughout the duct system. Operate recirculation fans continuously during application and for at least one (1) hour after completing application (or until fog has settled). It is suggested to ventilate the building for three (3) to seven (7) days or more prior to removing the potatoes from storage.

Many factors can affect the ability to store potatoes in a dormant, sprout-free condition. Some factors include, temperature at harvest, potato variety, storage temperature and storage duration. The exact amount of product needed per application is dependent on these factors. Application rates should be no lower than 1 gallon of Fresh Pack 50 EC per 1,000 cwt potatoes and no higher than 1 gallon of Fresh Pack 50 EC per 250 cwt potatoes.

On Line Application: Fresh Pack 50 EC is effective in darkening and desiccating tender bud tissue and peeping sprouts when used in spray solutions at concentrations of 4-20 a.i.%. Higher concentration may be used to obtain the desired results. For maximum efficacy this product is designed to be applied in conjunction with SHIELD POTATO SPROUT INHIBITOR EC, SHIELD 2EC or SHELF LIFE 2 EC. Apply on washed and damp dried potatoes. The diluted material should be applied using spray nozzles placed evenly across the rollers on which the potatoes are being moved. Read and follow label instructions. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

DILUTION OF THE CONCENTRATE FOR ON LINE APPLICATION

Apply sufficient spray solution to obtain complete and thorough coverage of the potatoes. Direct contact of the Fresh Pack 50 EC spray solution with the peeping sprout and bud tissue is required. Under normal conditions apply the spray solution at a rate of 1 gallon per 8,000 lbs of potatoes, (1 gallon for every 80 cwt. of potatoes). Do not reuse the diluted material that was prepared 24 hours or more without mixing well.

USER SAFETY RECOMMENDATIONS

Users should:

- Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

STORAGE AND DISPOSAL

- **PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.
- **PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
- **CONTAINER HANDLING: Nonrefillable Containers:** Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying.
- **Nonrefillable Container grater than 5 gallons to bulk:** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.
- **GENERAL:** Consult Federal, State or Local Disposal Authorities for approved alternate procedures.
- **PESTICIDE STORAGE:** Avoid storage below freezing temperature. Prolonged storage may result in gel formulation. Warming contents and agitation will restore material to useable conditions, but do not heat above 250°F.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Actylis. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ACTYLIS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Actylis is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, ACTYLIS DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT ACTYLIS'S ELECTION, THE REPLACEMENT OF PRODUCT.

NET CONTENTS **30 GALLONS** BATCH CODE: (SEE CONTAINER)

PROOF

THIS PROOF IS TO BE CHECKED FOR ACCURACY

Please review and approve **Text, Spelling, Copy Placement, Size, Shape, Colors** and **Dieline**.

Authorized signature accepts responsibility for accuracy of all copy, color break and artwork. Cimarron Label is not liable for any discrepancies subsequently identified.




PLEASE NOTE: Due to color variance between printers/monitors, the colors represented by this proof cannot be deemed accurate. Please refer to a color matching system such as the Pantone Matching System for a truer representation of spot colors.

THIS PROOF IS NOT ACCURATE FOR COLOR-MATCH.

Dieline does not print.



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DATE	JOB NUMBER	
4-19-24	233249	
CUSTOMER	LABEL SIZE	
Aceto	8.5" x 14"	
LABEL COLORS		
 BLK	 130	 179
PATTERN VARNISH: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		

Form: CS 006P - 11/8/2011

ARTWORK IS APPROVED

REVISED PROOF NEEDED

Signed _____

Date _____

WE CANNOT PROCESS THIS ORDER WITHOUT AN AUTHORIZED SIGNATURE