 <p style="text-align: center;">United States Environmental Protection Agency Washington, DC 20460</p>	<div style="border: 1px solid black; padding: 5px;"> <input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other </div>	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 4581-116	2. EPA Product Manager Forrest	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Kryocide Insecticide	PM# 14	
5. Name and Address of Applicant (Include ZIP Code) ELF Atochem North America, Inc. Agrichemicals Division, 21st Floor 2000 Market Street, Phila., PA 19103-3222 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION
MAR 24 1996

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

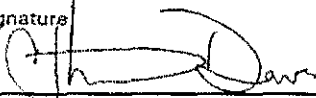
Notification of: Addition of Chemigation Directions (per PR-Notice 87-1)

This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Christopher Davis	Title Manager, Product Registration	Telephone No. (Include Area Code) (215) 419-1147
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) <div style="border: 1px solid black; height: 100px; width: 100%;"></div>
2. Signature 	3. Title Manager, Product Registration	
4. Typed Name Christopher Davis	5. Date 3/6/96	

KRYOCIDE.

INSECTICIDE

ACTIVE INGREDIENT

Cryolite: sodium aluminofluoride (Fluorine-not less than 50%) .. 96.0%

INERT INGREDIENTS 4.0%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. CAUSES MODERATE EYE IRRITATION. For additional Precautionary Statements, Directions for Use refer to appropriate panel.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting in, or give anything by mouth to, an unconscious or convulsing person.

If on Skin: Wash with soap and water.

If Inhaled: Remove victim to fresh air.

If in Eyes: Hold eyelids open and flush with a steady gentle stream of water for 15 minutes.

EPA Registration No. 4581-116

EPA Establishment No. 33770-JP-01

Net Weight 30 Lbs. (13.61 kg)

Sold by:

ELF ATOCHEM NORTH AMERICA, INC. AGCHEM DIVISION
PHILADELPHIA, PA 19103-3222

WARRANTY AND DISCLAIMER

Elf Atochem North America warrants that this material conforms to the chemical description on the label and is reasonable fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. ELF ATOCHEM MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ELF ATOCHEM OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST; OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

Elf Atochem and 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 Elf Atochem.

Made in Japan

5-E617S-03 E3 (12/04/95)

Printed in Japan

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

CAUTION

Precautionary Statements:

HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN, OR INHALED. CAUSES MODERATE EYE IRRITATION. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist.

Personal Protective Equipment:

Applicators and other handlers must wear:

- Longsleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

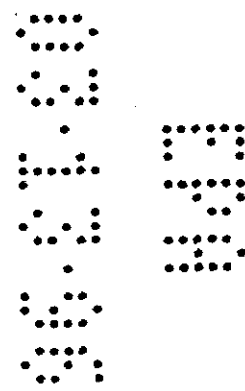
User Safety Recommendations:

Users should:

- 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment washwaters.



DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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 agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

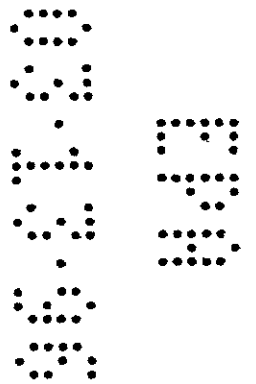
STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage Instructions: Store in the original container in a dry area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling sweep up spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.

Pesticide Disposal Instructions: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal Instructions: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.



GENERAL INFORMATION

KRYOCIDE is a fine powder and suitable for spray application by ground equipment or air. A thorough application should be made, covering the underside of the leaves as well as the top if possible. Some processors may have additional use restrictions. Check with your processor. This product is compatible with Integrated Pest Management (IPM) Programs.

KRYOCIDE is recommended for control of the insects on the crops listed below. Kryocide may be used in combination with other commonly used pesticides and approved spray-tank adjuvants.

NOTE: Do not use KRYOCIDE in combination with lime or compounds containing free lime.

Remove visible residues on edible portions of fruit and vegetables by washing, brushing, field trimming or other effective means.

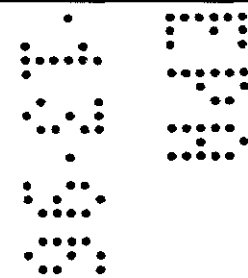
DIRECTIONS FOR USE ON VEGETABLE AND FRUIT CROPS

Vegetable and fruit crops: Apply in a minimum of 5 gallons of water by air and in a minimum of 10 gallons of water by ground or in sufficient spray volume to obtain thorough coverage. Use the higher rate for severe insect infestations.

CROP	INSECTS	RATE LBS/A	REMARKS
Broccoli Cabbage Cauliflower Brussel sprouts† Kohlrabi†	Cabbage Looper Cutworms Corn Earworm Diabrotica Beetles Diamondback Moth Caterpillar Flea Beetles Imported Cabbageworm Yellowstriped Armyworm	8-16	Apply as needed with a minimum of 14 days between applications. Do not exceed 96 lbs. per acre per season. Do not apply within 14 days of harvest.
Cucumber	Cabbage Looper Diabrotica Beetles Cucumber Beetles Flea Beetles Melonworm Pickleworm	8-12	Apply as needed with a minimum of 10 days between applications. Do not exceed 48 lbs. per acre per season. Do not apply within 14 days of harvest.
Squash Melons	Cabbage Looper Diabrotica Beetles Cucumber Beetles Flea Beetles Melonworm Pickleworm	8-16	Apply as needed with a minimum of 7 days between applications. Do not exceed 64 lbs. per acre per season. Do not apply within 14 days of harvest.

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Collards	Cabbage Looper Cutworms Corn Earworm Diabrotica Beetles Diamondback Moth Caterpillar Flea Beetles Imported Cabbageworm Yellowstriped Armyworm	8-16	Apply as needed with a minimum of 10 days between applications. Do not exceed 96 lbs. per acre per season. Do not apply within 14 days of harvest.
Citrus	Citrus Cutworm Fruittree Leafroller Fuller Rose Beetle Garden Tortrix Halcocera Katydid Orange Tortrix Orangedog Variegated Cutworm Blue Green Citrus Root Weevil†	8-20	Apply as needed with a minimum of 30 days between applications. Do not exceed 90 lbs. per acre per season. Do not apply within 15 days of harvest.
Grapes	Flea Beetles Climbing Cutworms	4-10	Apply as needed with a minimum of 21 days between applications. When needed to control later broods, make additional applications after the fruit is $\frac{1}{4}$ " or larger in diameter or as needed. Do not apply more than 20 pounds per acre per crop year. Do not apply within 30 days of harvest. For application for grapes grown for table use after the fruit is $\frac{1}{4}$ " or larger in diameter, use of concentrate sprays will reduce visible residue spots which may result from the use of dilute applications at that stage.
	Omnivorous Leafroller Yellow Striped Armyworm	6-10	
	Grape Leaffolder Orange Tortrix Western Grapeleaf Skeletonizer Grape Berry Moth†	5-8	
Grapevines, after harvest	Cutworms Grape Leaffolder Omnivorous Leafroller Orange Tortrix Western Grapeleaf Skeletonizer Grape Berry Moth†	5-8	For control of leaf feeding insects after all harvestable fruit or raisins have been removed from the vineyard. Apply before leaf drop while insects are actively feeding. Do not exceed 8 lbs. per acre per season for post harvest use.



7 7 9

Kiwi FOR USE IN CALIFORNIA ONLY	Omnivorous Leafroller	10	Apply with ground equipment only, using sufficient water to obtain thorough coverage, up to 200 gallons spray per acre. Apply as needed with a minimum of 15 days between applications. Do not exceed 40 lbs. per acre per season. Do not apply within 30 days of harvest.
Lettuce, leaf and head varieties	Armyworm Cabbage Looper Corn Earworm Tobacco Budworm	8-20	Apply as needed with a minimum of 7 days between applications. Do not exceed 160 lbs. per acre per season. Do not apply within 14 days of harvest.
Peppers	Hornworms Pepper Weevil Omnivorous leafroller	8-12	Apply as needed with a minimum of 7 days between applications. Do not exceed 24 lbs per acre per crop. Do not apply within 14 days of harvest.
Potatoes†	Colorado Potato Beetle	10-12	Apply by air in 5-15 gallons of water per acre or by ground in 15-100 gallons of water per acre at a minimum of 7 day intervals. Do not apply more than 96 pounds of KRYOCIDE per acre per season. Application to exposed tubers may result in excess residues.
Tomatoes Eggplant†	Colorado Potato Beetle Larvae† Blister Beetles Cabbage Looper Flea Beetles Fruitworms Hornworms Tomato Pinworm	8-16	Apply as needed with a minimum of 7 days between applications. Do not exceed 64 lbs. per acre per season. Do not apply within 14 days of harvest.

† Not registered for this use in California.

DIRECTIONS FOR USE ON ORNAMENTALS

CROP	INSECTS	RATE LBS/A	REMARKS
Ornamentals Shade Trees	Codling Moth Flea Beetles Fuller Rose Beetle Gypsy Moth Caterpillars Katydid Plum Curculio Leafrollers	8-24	Apply in a minimum of 5 gallons of water by air and in a minimum of 10 gallons of water by ground. Use sufficient water volume to obtain thorough coverage of the plants. Use the higher rate for severe insect infestations.

DIRECTIONS FOR USE THROUGH CHEMIGATION SYSTEMS

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Observe all applicable precautions and limitations on the Federal label. Label must be in the possession of the user at the time of pesticide application.

GENERAL INSTRUCTIONS

Apply this product only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

If you have any questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Do not connect chemigation system to any public water system. Public water system means a system for the provision of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

SYSTEM REQUIREMENTS

Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

APPLICATION INSTRUCTIONS

Observe the requirements in the System Requirements section above.

Apply KRYOCIDE only through systems containing anti-siphon and check valves designed to prevent water source contamination or overflow of the mix tank and containing interlocking controls between the metering device and the water pump to insure simultaneous shutoff.

Maintain a gentle continuous agitation in mix tank during mixing and application to assure a uniform suspension.

Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute suspension per unit time.

Application of more than recommended quantities of irrigation water per acre may result in decreased product performance.

Do not apply when wind speed favors drift, when system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product cannot be flushed and must be dismantled and drained. In a center pivot system, block the nozzle set nearest the well/pivot/injection unit to prevent spray being applied to this area.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water.

SPRAY PREPARATION

Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water. Prepare a suspension of KRYOCIDE in a mix tank. Fill the tank with $\frac{1}{4}$ or $\frac{3}{4}$ the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of KRYOCIDE and then the remaining volume of water.

Sprinkler Irrigation - Notes

Observe all System Requirements and Application Instructions above.

Set sprinkler system to deliver 0.1 to 1.25 inches of water per acre. Volumes of water higher than this may reduce efficacy. Start sprinkler and then uniformly inject the suspension of KRYOCIDE into the irrigation water line so as to deliver the desired rate per acre. The suspension of KRYOCIDE should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. When treatment with KRYOCIDE has been completed, do not irrigate the treated area for 24 to 48 hours to prevent washing the chemical off the crop.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Where sprinkler distributed patterns do not overlap sufficiently, unacceptable disease control may result.

Check local restrictions and requirements regarding sprinkler irrigation applications, as they may vary from state to state.

