

1021-1759

06-11-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Steven K. Ditto
McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis, MN 55427

JUN 11 2010

Subject: Label Notification(s) for Pesticide Registration 2007-4

Dear Mr. Ditto:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated for April 15, 2010 for:

EPA Registration Number: 1021-1759 EVERCIDE® Industrial Mothproofer


The Registration Division (RD) has conducted a review of this request for applicability Under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Melody Banks on 703 305-5413.

Sincerely,

Richard Gebken
Product Manager
Insecticide Branch
Registration Division (7504P)

	United States Environmental Protection Agency Washington, DC 20460	Registration Amendment Other	OPP Identifier Number
	X		

Application for Pesticide - Section I

1. Company/Product Number 1021-1759	2. EPA Product Manager Richard Gepken	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) EVERCIDE® Industrial Mothproofer	PM# 13	
5. Name and Address of Applicant (Include Zip Code) McLaughlin Gormley King Company 8810 10TH AVE N MINNEAPOLIS, MN 55427 <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"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

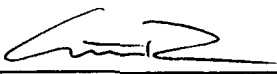
NOTIFICATION
JUN 1 1 2010

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Notification pursuant PR Notice 2007-4

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input checked="" type="checkbox"/> Metal <input checked="" 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 checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 10 Oz. - 55 Gal.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" 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 Steven K. Ditto	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) (763) 544-0341	
2. Signature 		3. Title Regulatory Affairs Specialist	
4. Typed Name Steven K. Ditto		5. Date 4/15/2010	
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)



McLAUGHLIN GORMLEY KING COMPANY

8810 Tenth Avenue North • Minneapolis, MN 55427-4319 U.S.A.
763-544-0341 • 800-645-6466 • Fax 763-544-6437 • www.mgk.com

April 15, 2010

Document Processing Desk (NOTIF)
U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs (H7504P)
Room S-4900, One Potomac Yard
2777 South Crystal Dr.
Arlington, VA 22202-4501

Via Courier

Subject: EVERCIDE® Industrial Mothproofer
EPA Reg. No. 1021-1759
Notification Per PR-Notice 2007-4

Dear Sir or Madam:

By Notification we are changing the storage and disposal language to comply with the Final Rule "Pesticide Management and Disposal; Standards for Pesticide Containers and Containment".

Enclosed are 2 copies of the label. One copy has changes highlighted.

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

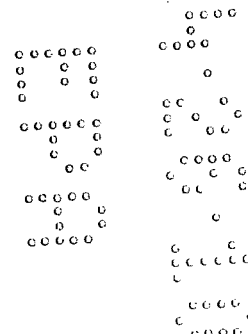
If there are any questions or you need anything further, please contact this office.

Sincerely,

McLAUGHLIN GORMLEY KING COMPANY

Steven K. Ditto
Registration Specialist

Enclosure



NOTIFICATION

JUN 11 2010

EVERCIDE® Industrial Mothproofer

MGK®

**McLAUGHLIN
GORMLEY
KING COMPANY**

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4319 U.S.A. - Telephone (763) 544-0341

[] OR () indicates alternate or optional wording

INDUSTRIAL MOTHPROOFER/INSECTICIDE

- [FOR MANUFACTURING USE IN PRODUCING WOOL AND WOOL POLYAMIDE BLENDS]
- [EVERCIDE® INDUSTRIAL MOTHPROOFER IS STABLE IN BOILING ACID AND NEUTRAL (BELOW pH 7.5) DYE BATHS FOR AT LEAST 7 HOURS]
- [EVERCIDE® INDUSTRIAL MOTHPROOFER EXHIBITS VERY GOOD LEVELING PROPERTIES. IT CAN BE APPLIED AT A pH RANGE OF 2.5 - 6.0]
- [THE MOTHPROOFING PROPERTIES OF EVERCIDE® INDUSTRIAL MOTHPROOFER ARE NOT GENERALLY ADVERSELY AFFECTED BY LEVELING AGENTS IN DYE BATHS]
- [EVERCIDE® INDUSTRIAL MOTHPROOFER DOES NOT HAVE A RETARDING EFFECT OF THE DYE STUFF AFFINITY FOR WOOL OR WOOL/NYLON BLENDS]
- [A DURABLE MOTHPROOFING AGENT FOR WOOL AND OTHER PROTEINACEOUS FIBERS]
- [EVERCIDE® INDUSTRIAL MOTHPROOFER IS AN INSECTICIDE FOR USE BY PROFESSIONAL OPERATORS FOR THE PROTECTION OF WOOL AND WOOL/POLYAMIDE BLENDS AGAINST WOOL PESTS]
- [EVERCIDE® INDUSTRIAL MOTHPROOFER CAN BE APPLIED BY SEVERAL METHODS: DYEBATH, AFTER TREATMENT, BATCHWISE OR CONTINUOUS SCOURING OR WASHING (RAW OR FABRIC), YARN IN THE SPINNING LUBRICANT, SPECIALIZED CARPET TREATMENTS, SOFTER BOWL OF KROY HERCOSETT, REDUCTION BLEACHING]

ACTIVE INGREDIENT:

* Permethrin [(3-Phenoxyphenyl) methyl (±) cis-trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate].....	25.6%
OTHER INGREDIENTS	74.4%
	100.0%

* Cis-trans isomers ratio: Min. 35% (±) cis and Max. 65% (±) trans

EVERCIDE®, MGK® - Registered trademarks of McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> ▪ If victim is alert and not convulsing, rinse mouth out and give 200-300 mL (1 cup) of water to dilute material. ▪ IMMEDIATELY contact your local Poison Control Center. ▪ Vomiting should only be induced under the direction of a physician or a Poison Control Center. ▪ If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in vomitus, rinse mouth and administer more water. ▪ IMMEDIATELY transport victim to emergency facility. ▪ Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> ▪ Hold eye open and rinse slowly and gently with water for 15-20 minutes. ▪ Remove contact lenses, if present, after the first 15 minutes, then continue rinsing eye. ▪ Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<ul style="list-style-type: none"> ▪ 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

NET CONTENTS _____

Manufactured by:
Mc LAUGHLIN GORMLEY KING COMPANY
8810 Tenth Avenue North
Minneapolis, MN 55427

EPA Reg. No. 1021-1759

EPA Est. No. 1021-MN-2

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, absorbed through skin or inhaled. May cause eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of the 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 Environmental Protection Agency (EPA). Do not contaminate water when cleaning or disposing of equipment wash waters.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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DIRECTIONS FOR USE

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

EVERCIDE® Industrial Mothproofer does not stain or color wool. EVERCIDE® Industrial Mothproofer prevents feeding and kills insect pests of wool. Permethrin has a high affinity for wool and does not bind preferentially to polyamide in wool/polyamide blends. For this reason, there is no requirement for increased application rates of EVERCIDE® Industrial Mothproofer when treating wool/polyamide blend yarns. EVERCIDE® Industrial Mothproofer is fast to washing, perspiration, abrasion, shampooing, and dry cleaning. It also provides adequate protection of wool from attack by larvae of:

- | | | |
|------------------|--|--|
| • Moths | the brown house moth
the webbing clothes moth
casebearing clothes moth
casebearing clothes moth
casebearing clothes moth | <u>Hofmannophila pseudospretella</u>
<u>Tineola bisselliella</u>
<u>Tinea translucens</u>
<u>Tinea pellionella</u>
<u>Tinea dubiella</u> |
| • Fur beetles | | <u>Anthrenus flavipes</u>
<u>Anthrenus verbasci</u> |
| • Carpet beetles | | <u>Attagenus megatoma</u> |

CONTINUOUS SCOURING OR WASHING

The continuous application of EVERCIDE® Industrial Mothproofer is only economical if large quantities of wool are being processed because of the initial charge required in the treating bath. The mothproofing agent should be applied from the last bowl or wash box with no further rinsing. To ensure that EVERCIDE® Industrial Mothproofer is being applied uniformly, it is necessary that the diluted product be added continuously to keep the bath concentration fairly constant.

SPINNING LUBRICANT APPLIED TO YARN

EVERCIDE® Industrial Mothproofer may be applied in the spinning lubricant applied to yarn which is then subjected to steaming. The steaming process should be of at least 8-10 minutes duration at 105°C (221°F). EVERCIDE® Industrial Mothproofer may be applied in spinning lubricant applied to yarn to be made up into carpet which will be foam backed. In this case, the finished carpet will be subjected to the following foam backing sequence of a least 10 minutes duration: steam - precoat - dry - foam application - bake.

SPECIALIZED CARPET APPLICATIONS

EVERCIDE® Industrial Mothproofer may be applied to carpets as a spray prior to backing applications and as an addition to the print paste. Details are given under Methods of Application.

KROY-HERCOSETT

EVERCIDE® Industrial Mothproofer may be applied from the final softener bowl of the backwashing line (95~194°F or 35~40°C) of the Kroy Hercosett treatment to proof blankets, curtains and car seat covers.

METHOD OF APPLICATION:

DYEBATH

1. Dilute the product with water and add to the dyebath prior to adding the acid.
2. Then add the other auxiliaries, acid, and dyes. Run in the usual manner.

APPLICATION FOR STOCK, YARD, OR PIECE DYEING AND YARN SETTING

The calculated quantity of EVERCIDE® Industrial Mothproofer to give the % owg for the level of protection required is added to the dyebath or setting bath after diluting with water at a rate of 1 part EVERCIDE® Industrial Mothproofer to 7.5 parts water. The calculated quantity of EVERCIDE® Industrial Mothproofer should be preferably added to the cool bath before immersing the wool or yarn. EVERCIDE® Industrial Mothproofer may be applied in the dyebath

during loose stock, yarn and piece dyeing. When fabrics or yarns are to undergo further finishing after dyeing (e.g. tape scouring of stock dyed carpet yarns, piece scouring stock or yarn dyed upholstery fabrics) EVERCIDE® Industrial Mothproofer should be applied during the finishing process and not during dyeing. If application during dyeing is unavoidable then application rates should be increased by 25%. EVERCIDE® Industrial Mothproofer may also be applied during the dyeing of yarn for carpets which will be chemically washed (to provide a high-luster finish). However, because the chemical washing procedure removes a proportion of the permethrin applied, higher initial application rates must be adopted. EVERCIDE® Industrial Mothproofer may also be applied to as little as 20% of yarn intended for carpet manufacture if treatment levels are raised and the treatment yarn is intimately mixed with untreated yarn. This is particularly suitable for dry-spinning operations in which the dyed portion of a Berber blend may be over treated or even blank dyed for the purposes of applying EVERCIDE® Industrial Mothproofer. Fastness achieved in the dyebath is greater than by ordinary application allowing a technically superior result at economical cost.

APPLICATION FOR BLANKETS, CURTAINS AND CAR SEAT COVERS

EVERCIDE® Industrial Mothproofer is applied in the dyebath after diluting at a rate of 1 part EVERCIDE® Industrial Mothproofer to 7.5 parts water. The dyebath should be acidified by the addition of 3% on weight of wool (oww) formic acid 90%. The material is allowed to wet thoroughly at 68°F (20°C) and the diluted EVERCIDE® Industrial Mothproofer then added. The temperature of the dyebath is then raised to the boil and held at that temperature for 30 minutes.

AFTERTREATING BATH

1. Dilute EVERCIDE® Industrial Mothproofer in water and add to the treatment bath containing the goods at 115°F (45°C).
2. Then add X% (owg) acetic acid, prediluted with water (pH 4-5).
3. Run 30 minutes.

The treated fabric does not require a subsequent rinse. The addition of cold water to the bath for cooling down does not affect the mothproofing effect.

CARPETS

EVERCIDE® Industrial Mothproofer may be applied in the final acidification step of chemical washing. The calculated quantity of EVERCIDE® Industrial Mothproofer acetic acid (1% owg) are mixed with sufficient water to give a liquid to carpet ratio of 3 parts liquid to 1 part carpet by weight. The liquid is heated to 122°F (50°C) and sprayed onto the carpet. Brush the face of the pile (and occasionally the back of the carpet) for 5 minutes. Allow to stand for 10 minutes and repeat brushing procedure for 5 minutes. Remove excess water using squeegees and allow to dry.

EVERCIDE® Industrial Mothproofer may also be used as an after-treatment following chemical washing. The carpet should be immersed in water at 20°C containing the calculated amount of EVERCIDE® Industrial Mothproofer to give the % owg or the level of protection required using liquid to carpet ratio of 10 parts liquid to 1 part carpet by weight. The liquid should be forced into the carpet by applying frequent pressure to the carpet for a period of approximately 10 minutes. Acetic acid should then be added to the bath at 1% owg and further pressure applied to the carpet for a period of 20 minutes, turning the carpet occasionally when possible. Remove carpet from treating vessel and remove excess water using squeegees. Allow to dry. When carbonized goods are to be treated, they have to be neutralized with ammonia to pH 6-7 prior to the EVERCIDE® Industrial Mothproofer application. Residual amounts of the carbonizing acid can cause too fast striking of EVERCIDE® Industrial Mothproofer.

CONTINUOUS SCOURING OR WASHING

1. The last bowl is set with - 0.23 g/l (0.033 oz/gal) EVERCIDE® Industrial Mothproofer at a temperature of 115-120°F (45-50°C).
2. Subsequent additions are based on the hourly output of wool - 0.23% on the weight of raw wool. The EVERCIDE® Industrial Mothproofer is diluted with water, and this solution is added continuously to the bath during the entire treatment or, if this is not possible, in portions.

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3. Example:

A 2,000 pound lot of wool is to be washed with EVERCIDE® Industrial Mothproofer. The hourly output of the continuous washer is 440 pounds. The capacity of the last bowl in the washer is 528 gallons.

Initial Charge: 0.23g/l = 1.05 pounds EVERCIDE® Industrial Mothproofer/ 528 gallons

SUBSEQUENT ADDS:

0.23% of 2,000 pounds = 4.6 pounds EVERCIDE® Industrial Mothproofer. These adds would be approximately 2 pounds/hour. Dilute this amount to 12 gallons with water and add 1 gallon every 5 minutes unless a continuous feed system is available. The degree of dilution can be varied somewhat, but the higher the dilution, the better for uniformity in adding to the treatment bath.

EVERCIDE® Industrial Mothproofer may also be applied in continuous scouring by metered addition. In this process, before any yarn is treated the final bowl should be charged at a rate of 0.14 ml EVERCIDE® Industrial Mothproofer or 0.56 ml of diluted EVERCIDE® Industrial Mothproofer per liter (2.1 ml diluted per gallon) of liquor volume and thoroughly stirred. The metering device should be filled with EVERCIDE® Industrial Mothproofer and stirred every hour. During the passage of yarn through the bowl the diluted EVERCIDE® Industrial Mothproofer should be metered into the bowl at a rate of 39 oz. or 78 oz. per 1000 lb. of yarn depending on the level of protection required.

SPINNING LUBRICANT APPLIED TO YARN

Select a spinning lubricant compatible with EVERCIDE® Industrial Mothproofer. The quantity of spinning lubricant (usually mixed with water) that is retained by a given quantity of wool during yarn spinning should be calculated. Select the level of protection required and then dilute the EVERCIDE® Industrial Mothproofer in the total volume of lubricant so that the volume retained by each batch of yarn after spinning will contain sufficient EVERCIDE® Industrial Mothproofer to give the required % owg. To optimize the uptake of EVERCIDE® Industrial Mothproofer add a small quantity of acid (e.g. acetic acid) to the spinning solution to obtain a final pH of 5-6. Mix the product in the tank to obtain and keep a homogeneous product. If possible, warm the spraying solution to 122°F (50°C). Treatment of the yarn should then follow normal lubricant application practice.

SPECIALIST CARPET APPLICATIONS

EVERCIDE® Industrial Mothproofer may be applied as a spray prior to backing application. This application method may leave a relatively high deposit of active ingredient on the surface of the carpet, the finish of which may therefore be detrimentally affected. Spraying should be carried out as the carpet is being conveyed to the packing process. Spray nozzles should be selected to provide a coarse spray. The volume of water picked up by a given weight of carpet should first be determined. EVERCIDE® Industrial Mothproofer should then be diluted with water as appropriate to achieve the desired application rates as is the predetermined pick-up rate. Addition of a small quantity of .01% w/v (1 mL/L) of 80% acetic acid to the emulsion may aid fastness. During the subsequent backing procedure the carpet should pass through the following sequence: steam - precoat - dry - foam back - bake.

EVERCIDE® Industrial Mothproofer may be applied by addition to the print paste. This application method may leave a deposit of active ingredient on the surface of the carpet, the finish of which may therefore be detrimentally affected. It should only be used for all-over print patterns (or if a blank paste containing EVERCIDE® Industrial Mothproofer is used in uncolored areas) and if steaming follows printing. Penetration of print paste to the base of the tufts should be ensured.

OXIDATIVE/REDUCTIVE BLEACHING

EVERCIDE® Industrial Mothproofer may be applied during a two part oxidative/reductive bleaching process by addition to the reductive bleaching liquor (e.g. stabilized hydrosulphite solution).

HORSE HAIR AND BRISTLES

Treat the loose material for 1 hour at 120-130°F (50-55°C) with 0.3-0.5% (owg) EVERCIDE® Industrial Mothproofer; pH 4.0-4.5 (acetic acid). If the loose material is to be dyed, the EVERCIDE® Industrial Mothproofer can be added to the dye bath.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE STORAGE: Keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL/HANDLING:

Nonrefillable container. Do not reuse or refill this container.

Metal Containers: Triple rinse or (equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Plastic Containers: Triple rinse or (equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple Rinse as follows [for containers of 5 Gallons (18.9 L) or less]: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Triple Rinse as follows [for containers greater than 5 Gallons (18.9 L)]: 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 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.

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