

59441-6

6/12/2007

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

JUN 12 2007



United States
Environmental Protection
Agency

Office of Pesticide Programs

Eastman Kodak Company
Health and Environment Laboratories
Kodak Park Building 320
Rochester, N. Y. 14652-6267

AGENT: Ag-Chem Consulting
Pesticide Science and Registration
12208 Quinque Lane
Clifton, VA 20124

Attention: Matthew W. Brooks

Subject: Silver Chloride Technical
EPA Registration No. 59441-6
Amendment Dated March 12, 2007

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

- To Add Additional Label Language

A stamped copy of the "accepted" product labeling is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

A handwritten signature in black ink, appearing to read "M. Swindell".

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510P)

Enclosure

LOK-8008
Biocide

LOK-8008 is an aqueous dispersion designed to confer durable antibacterial properties to textile fabrics such as fabrics used in apparel, domestics and household goods.

ACTIVE INGREDIENT:

Silver Chloride 4.0%

INERT INGREDIENTS.....96.0%

TOTAL..... 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See Below For Other Precautions.

EPA Reg. No. 59441-6
EPA EST. NO. 59441-NY-001

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FIRST AID

IF ON SKIN: 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.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide, registered under EPA Reg. No.

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear goggles or face shield when handling. Wear chemical resistant gloves when handling. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to inter-tidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

DIRECTIONS FOR USE

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

IMPORTANT! Read precautionary statements before using this product.

This product is for applications including:

Household textiles (bedding, mattress cover pads and filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, napkins, wiping cloths, non-woven general purpose cleaning cloth, mops, towels, bags, cushion pads, sleeping bags, brush bristles, filters, sponges), Carpet backing, Automotive and Industrial textiles (conveyor belts (nonfood contact), packaging, automotive and truck upholstery, automotive and truck carpeting, truck liners, convertible tops and interior liners), Apparel (outerwear, uniforms, coats, aprons, sportswear, sleepwear, stockings, socks, hosiery, caps, undergarments, inner liners for jackets, shoes, gloves and helmets). Home decorations (book covers, curtains, draperies, upholstery, wall covering fabrics), Outdoor fabrics (sails, ropes, tents tarps, canvas, ducking, awnings, umbrellas). Do not use this product to treat materials intended for food-contact uses.

For best results: Mix LOK-8008 well before using. Mix continuously during application to prevent settling. Use prepared mixture within 1 to 2 hours and protect from light when not in use.

- Store LOK_8008 between 5 and 30 °C (41-86 °F).
- LOK-8008 must be at room temperature (at least 20 °C) before use.
- Do not store LOK-8008 at temperatures above 30°C.

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[Directions for when product is packaged with nonpesticidal co-pack FNK-8008]

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General Directions For Use:

- LOK-8008 is intended for use only in combination with FNK-8008. The ratio should be 1 part LOK-8008 to 11.5 part FNK-8008.
- Shake LOK-8008 well before using.
- Pour all of LOK-8008 into FNK-8008. Stir until well dispersed. (5 minutes of moderate agitation with a standard prop mixer is recommended) For optimal results it is best to use soon after blending LOK-8008 and FNK-8008.
- Once combined, dilute with water and apply at a range from 1% to 3.2% on weight of goods. For uniform application to the good, stir the diluted solution just prior to use.

Alternatively

Padding solution preparation and mixing instructions:

- LOK-8008 is intended for use only in combination with FNK-8008. The ratio should be 1 part LOK-8008 to 11.5 part FNK-8008.
- Add required water and FNK-8008 to a clean container and mix for 5 minutes.
- Prior to use, mix LOK-8008 for 10 minutes with a standard prop stirrer or equivalent. (Note: Protect LOK-8008 from light by keeping container closed when not in use.)
- While mixing water/FNK-8008, add LOK-8008 and continue mixing for 5 minutes prior to use.
- Once combined, apply at a range from 1% to 3.2 % on weight of goods. For uniform application to the good, stir the diluted solution just prior to use.

[Directions for when product is packaged with nonpesticidal co-pack FNK-9009]

Padding solution preparation:

LOK-8008 is intended for use only in combination with FNK-9009. The ratio should be 1 part LOK-8008 to 2.8 part FNK-9009.

LOK-8008 and FNK-9009 COMBINED should be applied at 0.30 to 0.96% on weight of goods.

OR

Apply LOK-8008 at a range of 0.08% to 0.25% on weight of goods. The appropriate total add-on should be determined through technical evaluations with your chemical supplier. Determine the add-on weight of FNK-9009 by multiplying Part A add-on weight by 2.8.

Mixing instructions:

- Add required warm water (35-45C or 95-113F) and FNK-9009 to a clean container and mix for 5 minutes.
- Prior to use, mix LOK-8008 for 10 minutes with a standard prop stirrer or equivalent. (Note: Protect LOK-8008 from light by keeping container closed when not in use.)
- While mixing water/FNK-9009, add LOK-8008 and continue mixing for 5 minutes prior to use.

See Technical Bulletin for additional information

[Directions for when product is packaged alone]

Apply LOK-8008 at a range of 0.08% to 0.25% on weight of goods. For best durability results combine with a polymeric binder. The appropriate total add-on weight of binder should be determined through technical evaluations with your chemical supplier.

Mixing instructions:

- **Add required warm water (35-45°C (95-113°F)) and polymeric binder (if used) to a clean container and mix for 5 minutes.**
- **Prior to use, agitate LOK-8008 for 10 minutes with a standard prop stirrer or equivalent. (Note: Protect LOK-8008 from light by keeping container closed when not in use.)**
- **While mixing water/binder, add LOK-8008 and continue mixing for 5 minutes prior to use.**

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KEEP FROM FREEZING

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment listed under "PRECAUTIONARY STATEMENT" when handling open containers.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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: Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

It is impossible to eliminate all risks inherently associated with the use of this product. All such risks shall be assumed by the buyer. Except as expressly provided herein, Eastman Kodak, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage.

Manufactured by
Eastman Kodak Company
1669 Lake Avenue
Rochester, New York 14652

Net Contents: XXX

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[Bulletin for when product is packaged with nonpesticidal co-pack FNK-9009]
Technical Bulletin

Padding solution preparation and mixing instructions:

- LOK-8008 is intended for use only in combination with FNK-9009. The ratio should be 1 part LOK-8008 to 2.8 part FNK-9009.
- Add required water and FNK-9009 to a clean container and mix for 5 minutes.
- Prior to use, mix LOK-8008 for 10 minutes with a standard prop stirrer or equivalent. (Note: Protect LOK-8008 from light by keeping container closed when not in use.)
- While mixing water/FNK-9009, add LOK-8008 and continue mixing for 5 minutes prior to use.
- Once combined, apply at a range from 0.304% to 0.96% on weight of goods.

For best results: Mix continuously throughout the padding process to prevent settling. Use prepared mixture within 1 to 2 hours and protect from light when not in use.

Formulas To Be Used to Determine the Required Amount of Water, LOK-8008 and FNK-9009

Input parameters:

F - Total weight of fabric (kg)
P - Total weight of padding solution (kg)
W - Wet pickup = P/F
L - Application Level = $(A+B)/F$

To Be Calculated:

H - Weight of water to be used to make up the final padding solution (kg)
A - Weight of LOK-8008 to be used (kg)
B - Weight of FNK-9009 to be used (kg)

$$H = P - (F \times L)$$

$$A = (P - H)/3.8$$

$$B = 2.8 \times A$$

Other Equations:

$$A = F \times L / 3.8$$


$$H = P - (A + B)$$

$$P = A + B + H$$

$$A/B = 8/22.4 = 1/2.8$$

$$P = W \times F$$

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