

4172 65481-2

10/24

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 6 1995

Jacqueline A. Hogue, Agent for
Hi-lex Corporation
990 Apollo Road
Eagan, MN 55121

Subject: Hi-lex Bleach
EPA Registration No. 65481-2
Your Amendment Dated July 2, 1993

Dear Ms. Hogue:

This is in response to your resubmitted label amendment to change the precautionary statements to reflect an acute toxicity category of 2. Your correspondence includes documentation concerning the relationship between the subject product and Purex Bleach (EPA Reg. No. 57125-1), for which the toxicity category of 2 was accepted.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comment below. A stamped copy is enclosed for your records. Five copies of the finished labeling must be submitted before the product is released for shipment bearing the amended labeling.

Replace the text of the "Environmental Hazards" section with the following:

This product is toxic to fish and aquatic organisms. 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.

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

2046

Note: your Confidential Statement of Formula dated July 2, 1993 is acceptable.

If you have any questions about these comments, please call Wallace Powell at 703-305-6938.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

FRONT PANEL

Hi-lex Bleach

ACTIVE INGREDIENT:
Sodium Hypochlorite. . . . 5.25%
INERT INGREDIENTS:94.75%

KEEP OUT OF REACH OF CHILDREN
WARNING:
(See additional precautions on side panel.)

Net Contents:

Hi-Lex Corporation
990 Apollo Road . Eagan, MN 55121

EPA. Reg. No. 65481-2 EPA. Est. 65481-MN-1

ACCEPTED
with COMMENTS
to EPA Letter Dated:
NOV 6 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the Pesticide
registered under EPA Reg. No.
65481-2

SIDE PANEL

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed.

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF CONTACT WITH EYES OCCURS, flush with water for at least 15 minutes. Get prompt medical attention.

IF CONTACT WITH SKIN OCCURS, wash with plenty of soap and water.

IF SWALLOWED, drink large quantities of water. DO NOT induce vomiting. Call a physician or poison control center immediately.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waterways unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the U.S. Environmental Protection Agency.

PHYSICAL OR CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

DIRECTIONS FOR USE

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

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

*Laundering - To bleach and sanitize white and colorfast cotton, linen, nylon, Dacron, Orlon, polyester, Dynel, and rayon in washing machine: use 1 cup Hi-lex per load for conventional washing machine; $\frac{1}{2}$ cup for front-load automatic. Add to pre-soak, wash water or first rinse. If clothes are in machine, dilute Hi-lex in 1 quart water before adding.

*To Whiten Nylon and Other Synthetics that have turned yellow or grey - 1 tablespoon Hi-lex per gallon water. Soak clean fabric in solution for 15 to 20 minutes. Rinse. Repeat if necessary.

RECEIVED
with COMMENTS
in EPA Letter Dated
NOV 6 1995

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

65481-2

*To Remove Stains - Berry, wine, coffee, tea, ink, grass, dye, medicine stains, scorch, and mildew. Make solutions of 2 tablespoons Hi-lex to each quart water. Immerse fabric for 5 to 10 minutes. Rinse well in clear water. Repeat if necessary.

*Today's Permanent Press Fabrics are Bleachable, and need Hi-lex to get out stains and help prevent dirt build-up. Wash with regular laundry as directed: Top-load automatics - 1 cup per load. Wringer-type washers - 1 cup per load. Front-load automatics - $\frac{1}{2}$ cup per load.

Use Hi-lex with any good laundry soap or detergent. If your washer has an automatic bleach dispenser, follow washer directions. If not, add Hi-lex: 1. To wash water before laundry is put in, or...2. If laundry is put in before wash water, then dilute Hi-lex in 1 quart of water and add after machine has started agitating and fabrics are thoroughly wet.

*Sanitizing Nonporous Food Contact Surfaces - Prepare a sanitizing solution by thoroughly mixing 2 tablespoons Hi-lex with 2 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean all surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for a least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

*Sanitizing Porous Food Contact Surfaces - Prepare a 600 ppm solution by thoroughly mixing 6 tablespoons Hi-lex with 2 gallons of water. Clean surfaces in the normal manner. Rinse all surfaces thoroughly with the 600 ppm solution, maintaining contact with the sanitizer for at least 2 minutes. Prepare a 200 ppm sanitizing solution by thoroughly mixing 2 tablespoons Hi-lex with 2 gallons of water. Prior to using equipment, rinse all surfaces with the 200 ppm available chlorine solution. Do not rinse and do not soak equipment overnight.

*Disinfecting and Deodorizing Bathrooms - To disinfect, deodorize and eliminate mold and mildew from washable surfaces such as tubs, showers, countertops, sinks, ceramic tile and vinyl flooring, spread a solution of $1\frac{1}{2}$ cups Hi-lex per 2 gallons of water on clean surface. Let stand 10 minutes, then drain.

*Toilet Bowls - To sanitize and deodorize pre-cleaned toilet bowls use $\frac{1}{2}$ cup Hi-lex. Flush, pour in bleach - swab with brush, making sure to get under the rim, and let stand for 10 minutes. Flush. DO NOT use with bowl cleaners or any other household chemicals.

*Sickroom Equipment - Wash all surfaces thoroughly. Rinse with a solution of $1\frac{1}{2}$ cups Hi-lex per 2 gallons of water. Let stand 10 minutes, then drain.

*Garbage Cans - Wash thoroughly with warm soapy solution. Rinse, then spread a solution of $1\frac{1}{2}$ cups Hi-lex per 2 gallons of water over all surfaces. Let stand 10 minutes, then drain.

ACCEPTED
with COMMENTS
in EPA Letter Dated
NOV 6 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
65481-2

6076

Avoid prolonged contact with metal since corrosion or discoloration may occur. Do not use Hi-lex Bleach on chipped enamel.

STORAGE AND DISPOSAL

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate food or feed by storage, disposal or cleaning of equipment. Do not reuse container but place in trash collection. Rinse empty container thoroughly with water and either return to manufacturer or discard by placing this container in trash collection.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 6 1995

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

65481-2