

OCT 30 1985

Betz Paper Chem., Inc.
7898 Baymeadows Way
Jacksonville, FL 32216

Attention: Robert N. Goodell

Gentlemen:

Subject: Slime-Trol RX-31
EPA Registration No. 45017-28
Your Amended Application Dated June 10, 1985

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable provided that you:

1. Verify for us that all ingredients in this product are cleared under CFR 21, Part 176, or change the claim in Betz Material Safety Data Sheet.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosure

91327:Lee:CBI-A:KENCO:10/21/85:10/30/85:DKD:

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

FILE NUMBER: RX31.EPA

6/19/85

[LOGO] Betz PaperChem, Inc. slime-trol[R] RX-31 Slime Control Agent

(FIRST PANEL)

PRECAUTIONARY STATEMENTS[14bf]

HAZARDS TO HUMANS AND[12bf]
DOMESTIC ANIMALS[12bf]

DANGER[18bf]

HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. Causes eye damage and skin irritations. Do not inhale vapor or mist. Use with adequate ventilation. Do not get into eyes, on skin or on clothing. Wear rubber gloves, goggles and face shield when handling. Immediately remove and wash contaminated clothing and wash before reuse. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS[14bf]

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, ponds, estuaries, oceans, or public waters 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 EPA.

PHYSICAL AND CHEMICAL HAZARDS[12bf]

Combustible. Do not use, pour or store near heat or open flame.

DIRECTIONS FOR USE[14bf]

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

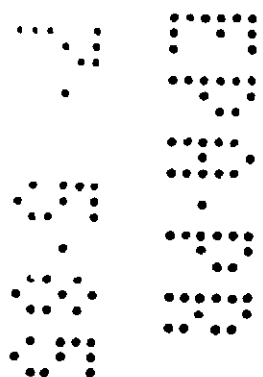
PULP AND PAPER MILL SYSTEMS[12bf]

BETZ PaperChem Slime-trol RX-31 aids in the control of objectionable bacteria and fungi in pulp, paper mill and the additive system, and for the preservation of pulp, pigment slurries, alum, emulsions, adhesives, defoamers, polymers, and paper products. Additions can be made on a continuous or intermittent basis, depending upon the severity of the contamination.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 30 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide registered under EPA Reg. 45017-28



BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

(Directions for Use continued on third panel.)

PAPCH022 8508

Business Phone: 904-733-7110 BETZ Paper- [Cont'd at bottom of second panel.]

(SECOND PANEL)

Contents: LIQUID

Active Ingredients:

Dodecylguanidine hydrochloride....10.0%

Methylenebis (thiocyanate).....5.0%

Inert Ingredients*:.85.0%

Total.....100.0%

*Inert ingredients include solubilizing and dispersing agents.

EPA Reg. No. 45017-28

WEIGHT PER GALLON OF PRODUCT
9.2 Pounds (60F)

NET WEIGHT OR VOLUME
AS MARKED ON CONTAINER

KEEP OUT OF REACH OF CHILDREN[12bf]

DANGER[18bf]

STATEMENT OF PRACTICAL TREATMENT[14bf]

In case of contact with skin, wash immediately with soap and plenty of water. Immediately contact physician.

In case of contact with eyes, flush promptly and thoroughly with clear water for at least 15 minutes. Immediately contact physician.

In case of ingestion, immediately contact physician.

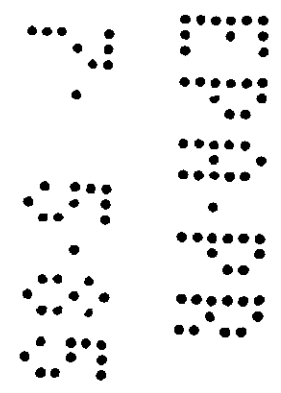
A Material Safety Data Sheet containing more detailed information relative to this product is available upon request.

See left panel for additional Precau-

ACCEPTED
with COMMENTS
to EPA Label Panel

OCT 30 1985

Under the Fungicide, Insecticide, and Rodenticide Act as amended, registered under EPA Reg. No. 45017-28



tionary Statements.

Chem, Inc. JACKSONVILLE, FLORIDA 32216 [Cont'd at bottom of third panel.]

(THIRD PANEL)

FOR SLIME CONTROL

Slime-trol RX-31 should be added directly to the pulp and paper mill systems. Apply at a point in the system where the product will be uniformly mixed.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add Slime-trol RX-31 at the rate of 0.1 to 1.0 pound per ton of pulp or paper produced. Addition of Slime-trol RX-31 to the additive system should be made directly at the rate of 0.5 to 4.0 pounds (60 to 480 ppm) per 1000 gallons. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add Slime-trol RX-31 at the rate of 0.1 to 0.5 pound per ton of pulp or paper produced. Treat the system as needed to maintain control. Addition of Slime-trol RX-31 to the additive system may be reduced to 0.25 to 2.0 pounds (30 to 240 ppm) per 1000 gallons.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add Slime-trol RX-31 at the rate of 0.1 to 1.0 pound per ton of pulp or paper produced. Addition of Slime-trol RX-31 to the additive system should be made directly at the rate of 0.5 to 4.0 pounds (60 to 480 ppm) per 1000 gallons. Continue until control is achieved.

SUBSEQUENT DOSE: Maintain the following level by continuous feed of Slime-trol RX-31 at the rate of 0.1 to 0.3 pound per ton of pulp and paper produced. Addition of Slime-trol RX-31 to the additive system should be made at the rate of 0.1 to 1.5 pounds (12 to 180 ppm) per 1000 gallons.

MOLD INHIBITION IN PAPER AND PAPERBOARD [12bf]

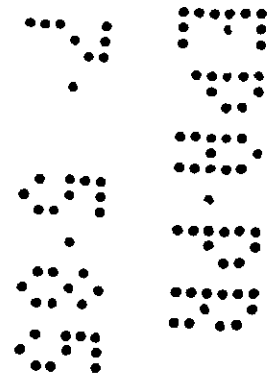
Slime-trol RX-31 is used to inhibit fungal growth which causes discoloration, odor and degradation in paper and paperboard grades for construction, industrial and non-food uses.

Slime-trol RX-31 may be applied to the hydro-pulper or dump chest at a rate of 5 to 20 pounds

ACCEPTED
with COMMENTS
to EPA Label Draft

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Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended and the pesticide registered under EPA Reg. No. 45017-28



per ton of dry fiber produced. Application can also be made at the size press or water box. In this case, the application is made at the rate of 200 to 1000 ppm of Slime-trol RX-31 in the sizing solution applied to the paper sheet.

FOR PRESERVATION[12bf]

Slime-trol RX-31 should be added directly to the material to be preserved prior to manufacturing into the finished product, i.e., pulp, broke, polymers, defoamers, alum, emulsions, adhesives, paper mill coatings, pigment slurries, and paper products. The dosage rate will depend upon the material to be preserved and the storage time. The usual additions should be 200 to 300 ppm and under extreme conditions of spoilage the dosage rate should be increased to 250 to 800 ppm. The above recommendations are based on a maximum storage time of 2 weeks. For storage time greater than 2 weeks, the maximum concentration of Slime-trol RX-31 should be increased to 1000 ppm.

ACCEPTED
with COMMENTS
by EPA

OCT 30 1985

Use only as a pesticide.
EPA Reg. No. 4817-28
Trade Act
pesticide
EPA Reg. No.

(FOURTH PANEL)

STORAGE AND DISPOSAL[12bf]

STORAGE: Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.

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

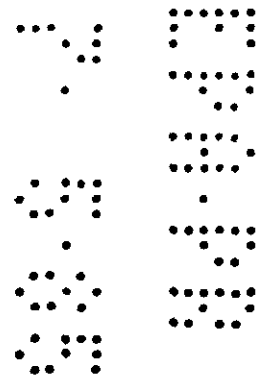
PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous and/or 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:

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

Fiber Drums with Liners[bf]: Completely empty



liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum and liner.

FOR INDUSTRIAL USE ONLY. Technical advice regarding specific site problems is available from BETZ PaperChem, Inc.

Emergency (Health or Accident): 215-355-3300

ACCEPTED
with COMMENTS
in EPA Letter D-282

OCT 30 1985

Use only in accordance with state, Federal, and local laws. Act as directed for the pesticide registered under EPA Reg. No.

45017-28

