

39967-102

3/14/2014

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Luanne Jeram, Head Regulatory Affairs
Lanxess Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

MAR 14 2014

Subject: Notification; Per PR-Notice 98-10
Product Name: N521 PAC-24
EPA Registration Number: 39967-102
Application Receipt Date: January 10, 2014

Dear Ms. Jeram:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated January 8, 2014 for the product referenced above. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The addition to the label of the not for use in the state of California statements are acceptable and will be placed in our records.

If you have any questions regarding this letter, please contact Amaris Johnson at (703) 305-9542 or johnson.amaris@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "A. Johnson for".

Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510P)
Office of Pesticide Programs

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 United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number _____
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Application for Pesticide - Section I

1. Company / Product Number 39967-102	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company / Product (Name) N-521 PAC 24	PM# 33	
5. Name and Address of Applicant (include ZIP Code) LANXESS Corporation 111 RIDC Park West Drive Pittsburgh, PA 15275-1112 <input type="checkbox"/> Check of this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(1), 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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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to add not for use in the state of California statements.

This notification is consistent with provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and not other changes have been made to the labeling or the confidential statement to formula of this product. I understand that it is a violation of 18 U.S. 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 98-10 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:					
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	2. Type of Container <input 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 _____		5. Location of Label Directions _____	
6. Manner in Which Label is affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glues <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary. To process this application.)			
Name Luanne Jeram	Title Head, Regulatory Affairs, MPP NA	Telephone No. (Area Code) 412-809-4773	
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)
2. Signature 	3. Title Head, Regulatory Affairs, MPP NA		
4. Typed Name Luanne Jeram	5. Date 1/8/14		



January 8, 2014

VIA Courier

Document Processing Desk (NOTIF)
Marshall Swindell, Antimicrobial Division (33)
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

Luanne Jeram
Material Protection Products
Regulatory Affairs
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

Phone 412-809-4773
Fax 412-809-1074
luanne.jeram@lanxess.com
www.US.LANXESS.com

Subject: **Label Change Notification for
N521 PAC 24, EPA Reg. No. 39967-102**

Dear Mr. Swindell:

Please find enclosed a notification to amend the product label to include not for use in the state of California statements.

Enclosed are:

- Form 8570-1
- One copy of the most current accepted stamped label from the EPA (date stamped March 14, 2013)
- Three copies of the proposed label highlighted (text date 7/13)
- Three clean copies of the proposed label (text date 7/13).

Please call me at 412-809-4773 if you have any questions or require additional information.

Sincerely,

A handwritten signature in cursive script, appearing to read "Luanne Jeram".

Luanne Jeram
Head, Regulatory Affairs MPP NA

N-521[®] PAC-24

FOR INDUSTRIAL USE AS A PRESERVATIVE TO INHIBIT AND CONTROL THE GROWTH OF SLIME FORMING FUNGI AND BACTERIA IN PULP AND PAPER MILL SYSTEMS, OILFIELD DRILLING MUDS* AND COMPLETION FLUIDS*, OILFIELD WATER TREATMENT*, PRESERVATION OF CLAY SLURRIES, ADHESIVES, COATINGS AND HIGH VISCOSITY SUSPENSIONS, RECIRCULATING COOLING WATER* AND BUILDING MATERIALS*

ACTIVE INGREDIENT: (present as sodium salt)

Tetrahydro-3,5-dimethyl-2H1,3,5-thiadiazine-2-thione 24%

INERT INGREDIENTS:

..... 76%

TOTAL:

100%

KEEP OUT OF REACH OF CHILDREN
DANGER!

CORROSIVE
CAUSES EYE AND SKIN DAMAGE

EPA Reg. No. 39967-102

EPA Est. No.

NET WT.:

LOT NO.:

LANXESS
Energizing Chemistry

LANXESS Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET (MSDS) FOR THIS PRODUCT.

IN CASE OF CHEMICAL EMERGENCY, CALL
CHEMTREC: (800) 424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CORROSIVE. CAUSES EYE AND SKIN DAMAGE. Harmful if swallowed, inhaled, or absorbed through the skin. May cause allergic skin reaction. Do not get in eyes, on skin, or clothing. Wear goggles or face shield, rubber gloves, and apron when handling. May form hazardous vapors on contact with water. Do not breathe spray or vapor mist. Use with adequate ventilation. Wash thoroughly after handling.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-410-3036 for emergency medical treatment information

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in Eyes: Hold eyes 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 eyes. Call a poison control center or doctor for treatment advice.
If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

The LANXESS Pittsburgh Emergency Response Telephone Number is 800-410-3063.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply in a way that will

contact workers or other persons. The amount necessary for desired protection varies, depending on the exposure conditions. For further applications information refer to the Product Bulletin.

*Refer to Product Bulletin for approved uses in California

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE: Container should be stored in a cool, dry, well-ventilated area. Do not store near heat or open flame. Exercise due caution to prevent damage to or leakage from the container. Keep container closed when not in use. Do not reuse container.

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 the label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA regional Office for guidance.

CONTAINER HANDLING AND DISPOSAL

NONREFILLABLE CONTAINER. Do not refill or reuse container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

PAIL(S) (equal to or less than 5 gallons): Empty remaining contents into application equipment or 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.

DRUMS and TOTES/BINS (greater than 5 gallons): Empty remaining contents into application equipment or mix tank. Fill the container ¾ 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 container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure more times.

ALL NONREFILLABLE CONTAINERS: Offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

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LANXESS

Energizing Chemistry

Product Information

N-521[®] PAC-24

EPA Registration Number 39967-102

N-521[®] PAC-24

39967-102

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N-521[®] PAC-24

FOR INDUSTRIAL USE AS A PRESERVATIVE TO INHIBIT AND CONTROL THE GROWTH OF SLIME FORMING FUNGI AND BACTERIA IN PULP AND PAPER MILL SYSTEMS, OILFIELD DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS*, OILFIELD WATER TREATMENT AND WATER FLOODS*, FOR THE PRESERVATION OF CLAY SLURRIES, ADHESIVES, COATINGS AND HIGH VISCOSITY SUSPENSIONS, RECIRCULATING COOLING WATER*, BUILDING MATERIALS*

DIRECTIONS FOR USE

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

The following guidance is given as an approximation for each use pattern, but field-testing is recommended to achieve optimum effectiveness.

PULP AND PAPER MILL SYSTEMS

N-521[®] PAC-24 is effective in inhibiting the growth of slime forming fungi and bacteria in pulp and paper mill systems at use levels of 5-20 fluid ounces per ton of finished product. The exact amount necessary for effective control will vary depending on the ingredients, temperature and equipment used in the mill system and should be determined by actual test. Systems which show considerable slime fouling should be cleaned thoroughly prior to treatment.

METHOD OF ADDITION: N-521[®] PAC-24 can be added directly from drums by pump or gravity feed to the wet end of the mill system. Continuous flow by metering pumps is preferred to ensure adequate concentrations. Shock addition is to be avoided.

FOR THE PRESERVATION OF SLURRIES AND HIGH VISCOSITY SUSPENSIONS

N-521[®] PAC-24 is effective as a preservative in aqueous systems at levels of 0.05 to 0.1% based on the total formulation in slurries of starch, clay, paper coating, and high viscosity suspensions (e.g. adhesives, resin emulsions, glues, etc.). The most effective product usage rate within the effective range of 0.05% to 0.1% by weight must be determined by actual test on each specific formulation and situation since performance will vary depending on the ingredients in the formulation being preserved, its storage conditions, and the length of preservation time required.

METHOD OF ADDITION: For preservation of aqueous systems, N-521[®] PAC-24 should be added at a point in the processing where there will be sufficient time and agitation for thorough dispersion. N-521[®] PAC-24 can be added directly from drums by pumps or gravity feed. Shock addition to be avoided.

OILFIELD DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS

*NOT REGISTERED FOR THIS SPECIFIC USE IN CA.

N-521[®] PAC-24 is effective in the control of slime-forming and/or spoilage bacteria in oilfield drilling mud and completion fluids at use levels of 75 gallons of N-521[®] PAC-24 per 1000 barrels of drilling fluids. Calculate the number of gallons on N-521[®] PAC-24 needed to produce a concentration of 2080 ppm (0.73lb/bbl) in the drilling mud circulation system. Because of the wide variation in drilling mud composition and bacterial contamination, greater or lesser amounts of N-521[®] PAC-24 may be prescribed.

METHOD OF ADDITION: For best results add N-521[®] PAC-24 in a thin stream to the mud pit while the drilling fluid is circulating. As the total volume increases, due to greater well depth, add additional N-521[®] PAC-24 to maintain the proper concentration.

OILFIELD WATER TREATMENT AND WATER FLOODS

*NOT REGISTERED FOR THIS SPECIFIC USE IN CA.

N-521[®] PAC-24 is effective in the control of slime-forming and/or spoilage bacteria in oilfield water treatment and water floods at use of 2.1 gallons of N-521[®] PAC-24 per each 1000 gallons of total volume will produce a concentration of approximately 2500 ppm N-521[®] PAC-24

METHOD OF ADDITION: To maintain bacterial control add 0.30 gallons of N-521[®] PAC-24 to each 1000 gallons of total volume each week. Because of the wide variation in waters found in the oilfield, greater or lesser amounts of N-521[®] PAC-24 maybe required in a particular location.

RECIRCULATING COOLING WATER SYSTEMS

*NOT REGISTERED FOR THIS SPECIFIC USE IN CA.

N-521[®] PAC-24 is effective for control of algae, fungi and slime forming bacteria. Dosages for recirculating cooling water systems will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first.

INITIAL DOSE: Apply 3.25 – 6.5 fluid ounces (30 – 60 ppm) per 1000 gallons of water in the system. This dose maybe a continuous treatment or applied once, twice or three times weekly or as required to control the growth of slime forming organisms.

SUBSEQUENT DOSAGE: Apply 0.5 – 3.25 fluid ounces of N-521[®] PAC-24 per 1000 gallons of water in the system as a continuous treatment daily or every three days or as required to maintain control.

BUILDING MATERIALS

*NOT REGISTERED FOR THIS SPECIFIC USE IN CA., REGISTERED ONLY FOR CONCRETE ADMIXTURES IN CA.

N-521[®] PAC-24 is effective for the control of bacteria, fungi in water based and water dispersed construction products. N-521[®] PAC-24 can be fed at a concentration of 1000 – 10000 ppm either directly to the finished building material or to one of the raw materials which may include lignin, molasses, polymer or biopolymer dispersions, emulsions, or solutions used in formulation of building materials.

EFFECTIVE DOSAGES:

Caulking materials	1000 – 10000 ppm
Concrete admixtures	1000 – 10000 ppm
Concrete and masonry additives	1000 – 10000 ppm
Other materials and auxiliaries	1000 – 10000 ppm

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REMARKS

If you need assistance or information, please call your nearest LANXESS representative, or our Pittsburgh office at 800-LANXESS.

**IN CASE OF EMERGENCY, CALL: CHEMTREC 1-800-424-9300
INTERNATIONAL (703)-527-3887**

**HAVE THE PRODUCT CONTAINER OF LABEL WITH YOU WHEN CALLING A POISON
CONTROL CENTER OR DOCTOR OR GOING FOR TREATMENT.**

LANXESS Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275
412-809-1000

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis at least must include testing to determine suitability from a technical as well as health, safety and environmental standpoint. Such testing has not necessarily been done by LANXESS Corporation. All information is given without warranty or guarantee. It is expressly understood and agreed that the customer assumes and hereby expressly releases LANXESS from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation not contained herein is unauthorized and shall not bind LANXESS. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

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