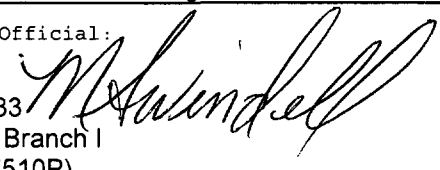
 <p align="center">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (7510C) 1200 Pennsylvania Avenue NW Washington, D.C. 20460</p> <p align="center">NOTICE OF PESTICIDE: <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Reregistration</p> <p align="center">(under FIFRA, as amended)</p>	EPA Reg. Number: 49403-14	Date of Issuance: FEB - 9 2011
	Term of Issuance: Conditional	
	Name of Pesticide Product: NIPACIDE X	
Name and Address of Registrant (include ZIP Code): Clariant Corporation 4000 Monroe Road Charlotte, N. C. 28205		
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>Based on your response to the 1,2-Benzisothiazolin-3-one RED, the EPA has reregistered this product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.</p> <p>1. Make the following label changes:</p> <p>a. Revise the EPA Registration Number to read "49403-14".</p>		
Signature of Approving Official: Marshall Swindell Product Manager Team-33 Regulatory Management Branch I Antimicrobials Division (7510P) 	Date: FEB - 9 2011	

b. Per the acute toxicity review, "IF INHALED" statements must be added to the first aid statements and statements should be placed in the order listed below:

"IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
Call a poison control center or doctor for treatment advice.

IF INHALED:

Move person to first air.
If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable 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 immediately with plenty of water for 15-20 minutes.
Call a poison control center or doctor for treatment advice.

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 by a poison control center or doctor.
Do not give anything by mouth to an unconscious person."

c. The Agency recommends that additional text be added to the Note to Physician that addresses eye irritation concerns.

d. Per the acute toxicity review, the Hazards to Humans and Domestic Animals section must be revised to read:

"DANGER

Corrosive. Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Do not breathing vapor or spray mist. Wear goggles or face shield, long-sleeved shirt and long pants, socks, chemical-resistant gloves made of any waterproof material, and a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OPV) cartridge or canister with any N, R, P or HE prefilter."

e. The Agency recommends that the following User Safety Recommendations Requirements text be added to the label:

"Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry."

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse the."

f. As the attached email, the registrant has agreed to add the following text to the label:

“Physical and Chemical Hazards:

Do not store or use near oxidizing or reducing agents”.

h. It is recommended that the storage and disposal statements be placed in a box.

2. For additional labeling clarity and consistency, please refer to the enclosed EPA reviews.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact me at (703) 308-6341 or by email at swindell.marshall@epa.gov or Martha L. Terry at (703) 308-6217 or by email at terry.martha@epa.gov.

Sincerely,

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

Enclosures: (Stamped Label)

NIPACIDE® X

INDUSTRIAL MICROBIOSTAT

For industrial use only as a microbiostat preservative for aqueous compositions such as oil in water emulsions, latices, emulsion paints, water based adhesives, pesticide formulations, detergents and cleaning solutions, casein/rosin dispersions, and textile spin-finish solutions and for control of slime producing bacteria in paper making processes, mineral slurries, titanium dioxide slurries, tape joint compound..

Active Ingredient:

1,2 benzisothiazolin-3-one	18%
Inert Ingredients	82%
TOTAL:	100%

KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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 ON SKIN OR CLOTHING: 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.

HOTLINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 in case of emergency.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER. CORROSIVE. CAUSES EYE AND SKIN DAMAGE. HARMFUL OR FATAL IF SWALLOWED. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARD: This pesticide 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.

EPA Reg. No. 49403-14
EPA Est. No. 49403-NC-01

ACCEPTED
with COMMENTS
EPA Letter Dated:
FEB - 9 2011

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 49403-14

ACCEPTED
with COMMENTS
EPA Letter Dated:

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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 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 49403-14

Nipacide® X is an effective preservative in most aqueous compositions. Typical applications and the suggested range of concentrations on which trials can be based, are:

<u>Product</u>	<u>% Nipacide® X (based on total wt. of product)</u>
Pesticide Formulations: For Product preservation	0.1 -0.5
Latices: Polymer latices based on acrylate, butadiene, PVA, styrene for various applications, e.g., wax, floor polishes. Synthetic/rubber lattices	0.04-0.09
Oil-in-water emulsions: "Spin finish" solutions for use in the textile industry.	0.04-0.18
Cutting/rolling oils. Soluble oils* (metal and engineering industries for enclosed systems).	0.04-0.25
Emulsion paint: For preservation in the can.	0.02-0.09
Adhesives: Carboxy methyl cellulose (CMC) and derivatives, animal glues, adhesives based on gelatin and latex. Latex based sealants.	0.02-0.09
**Paper coating compositions: Rosin dispersions. Starch and casein based products	0.02-0.09
Car care products: Car washes, waxes, silicone emulsions	0.075-0.15
Home cleaning Products: floor cleaners, floor waxes, floor polishes, Surface cleaners	0.05-0.15
Laundry Additives: Liquid laundry detergents, fabric softeners, Stain removers	0.02-0.09
Mineral Slurries and Dispersions	0.02-0.09
Tape Joint Compound	0.06-0.25

The concentration required to give protection depends on several factors. These include the susceptibility of the system to microbiological degradation, the extent to which microorganisms can gain access, the species involved, pH, temperature, and length of time for which protection is required.

*We suggest formulators limit the addition of Nipacide® X to 0.9% maximum in metal-working fluid concentrates for enclosed systems. This will give a maximum recommended use level of 0.09% Nipacide® X in a 10:1 dilution of the concentrate and reduce the possibility of skin sensitization.

**For use as a component of paper and paperboard in contact with aqueous and fatty foods. The active ingredient 1,2 Benzisothiazolin-3-one may be used in paper coating compositions at a level not to exceed 0.01 mg/in² (0.00016 mg/cm²) of finished paper and paperboard. For use as a component of paper and paperboard in contact with dry foods, the level of active ingredient in the paper coating must not exceed 0.02 mg/in² (0.0031 mg/cm²) of finished paper and paperboard.

For protection against bacterial attack, a concentration within the range 0.02-0.35 Nipacide® X is almost invariably sufficient.

The control of mold growth, particularly on paste product of high solids content, may occasionally demand dosages above 0.35%.

In dilute fluid systems, spoilage is usually controlled with dosages not greater than 0.09%.

A simple method of determining the effective dosage rate is to prepare samples of the product containing varying concentrations of Nipacide® X, e.g., 0.02, 0.04, 0.06, and 0.15%. These can then be stored at approx. 25°C for a period of time and compared with a control sample of product containing no preservative stored under similar conditions.

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ACCEPTED
with COMMENTS
EPA Letter Dated:

FEB - 9 2011

SLIME CONTROL

There are two methods of adding slimicides to paper mill systems: shock dosing and continuous dosing. The preferred method of addition is by shock dosing since this ensures that a high concentration of Nipacide® X is present in the system for several hours. When a slime control agent is added by continuous methods over periods of several hours, its concentration in the system at any time is low. This can lead to the development of resistant organisms, an effect that is less likely to occur when the shock dosing method is used.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 49403-1

It is not possible to give precise recommendations as to the quantity of Nipacide® X to add to control slime formation, since the magnitude of the problem varies greatly from mill to mill, depending on the furnish employed, the cleanliness of the mill system, and the additional nutrients (for example, starch) that may be added to the stock.

The following quantities of Nipacide® X are suggested for trial:

(a) Shock dosing: Between 80 and 300 g (2.8 - 11 oz. av.) of Nipacide® X for each ton of paper produced per day should be added as a single daily shock dose, the actual quantity used depending on the severity of the slime problem.

This addition may be made to any part of the stock preparation or backwater system. Alternatively, the addition may be made to those parts of the system where it is known that slime deposits accumulate.

(b) Continuous Addition: If this method is adopted, Nipacide® X should be added continuously for either the single period of 8 hours during every 24 hours or for two separate periods of 4 hours during every 24 hours.

Nipacide® X should be metered at the rate of 125-150g (4.5 - 5.3 oz. av.) for each ton of paper produced during the dosing period. Preferably, this addition should be made to the recirculated backwater.

METALWORKING FLUIDS

Nipacide® X can only be used in products intended for enclosed metalworking fluid systems. The characteristics of an enclosed system are presented as follows.

Enclosed metalworking systems are defined as systems in which the metalworking machine or process is enclosed by a box or housing. Openings in the enclosure are limited to the minimum required to allow for part entry/egress, maintenance, or utility access. The enclosure is provided with exhaust ventilation, with the replacement air entering through the openings designed into the enclosure.

The enclosure of the machine or process is designed to surround the machining operation such that when metalworking fluid aerosol is emitted from the machining operation, it is already contained within the enclosure, thereby isolating the operation from the employee and the workplace. The aerosol is prevented from release at required enclosure openings by an inward flow of air generated by a slight negative pressure. Negative pressure is produced by extraction of air from the enclosure via a local exhaust ventilation system.

Nipacide® X must be used only in enclosed metalworking systems with local exhaust ventilation. During operation of the metalworking fluid system, the enclosure provides a barrier between workers and metalworking fluid aerosols generated by the machining operation. However, during maintenance of enclosed metalworking systems, maintenance personnel may be required to open or enter the enclosure. To avoid exposure of maintenance workers to metalworking fluid aerosol, the machining operations must be shut down prior to the start of maintenance.

Where there is potential for maintenance workers to come into contact with metalworking fluid containing

Nipacide® X or potential for fluid residues on machine parts, appropriate Personal Protective Equipment (PPE) must be worn. At a minimum, maintenance employees must wear gloves and protective workwear designed to protect their skin from contact with bulk metalworking fluid or with fluid residues. Eye protection such as goggles and face shields must be worn to guard against splashing when the metalworking fluid volumes are significant enough to represent splash risks.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Protect from frost. If frozen, allow to thaw and stir well before reuse.

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. Open dumping is prohibited.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Offer for reconditioning, if appropriate. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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 it 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.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

REGULATORY CLEARANCES

All components of Nipacide® X are cleared for use under the following U.S. Environmental Protection Agency and U.S. Food and Drug Administration registrations and clearances:

US EPA Registration Number: 49403-14

US EPA: 40 CFR 180.1001 (d) (180.920, 180.950)

US FDA:

21 CFR 175.105 Components of adhesives

21 CFR 176.170 Components of paper and paperboard in contact with aqueous and fatty foods

21 CFR 176.180 Components of paper and paperboard in contact with dry food, fungicide, and Rodenticide Act as

21 CFR 176.300 Slimicides (in the manufacture of paper and paperboard that contact food)

21 CFR 177.2600 Rubber Articles Intended for Repeated Use

ACCEPTED
with COMMENTS
EPA Letter Dated:
FEB - 9 2011

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

49403-2

FOR YOUR PROTECTION

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Clariant Corporation and users should make their own tests to determine the suitability of these products for their own particular purposes. However, because of numerous factors affecting results, Clariant Corporation MAKES NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE, other than that the material conforms to its applicable current Standard Specifications. Statements herein, therefore, should not be construed as representations or warranties. The responsibility of Clariant Corporation for claims arising out of breach of warranty, negligence, strict liability, or otherwise is limited to the purchase price of the material. Statements concerning the use of the products or formulations described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.

Manufactured by:

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Charlotte, NC 28205 (704) 822-2259

Net Weight: _____
Batch No.: _____