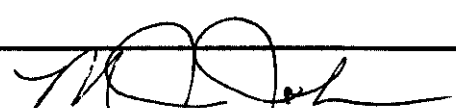


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<p>US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460</p> <p><b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>	EPA REGISTRATION NO. <b>49403-24</b>	DATE OF ISSUANCE <b>JUL 9 1996</b>
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT <b>Nipacide CI</b>	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)  <p><b>Nipa Hardwicke Inc. 3411 Silverside Road 104 Hagley Building Wilmington, DE 19810</b></p>		
<p>NOTE: Changes in labeling formula 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 U.S. EPA registration number.</p>		
<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>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this 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><b>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</b></p> <ol style="list-style-type: none"><li>1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.</li><li>2. Add the phrase "EPA Registration No. 49403-24" to your label before you release the product for shipment.</li><li>3. Submit one (1) copy of the final printed label before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.</li></ol>		
<p><input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE</p> <p>SIGNATURE OF APPROVING OFFICIAL  DATE</p>		

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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.

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

If you have any questions concerning this letter, please contact Martha Terry at 703-305-6982.

Sincerely,



Marion J. Johnson, Jr.  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (7505C)

Enclosure

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## Nipacide CI

Industrial Microbiocide For Use In Metalworking Fluids, Metalcleaning Fluids, Hydraulic Fluids, Photoprocessing Systems, Dispersed Pigments, Adhesives, Tackifiers, Paints, Building Materials, And Polymer Latices

### ACTIVE INGREDIENTS:

5-Chloro-2-methyl-4-isothiazolin-3-one.....8.6%  
2-Methyl-4-isothiazolin-3-one.....2.6%

INERT INGREDIENTS:.....88.8%

TOTAL: 100.00%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call physician immediately.

IF ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

IF ON EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

IF INHALED: Remove immediately to fresh air if not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call physician.

### NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured by Nipa Hardwicke Inc.

Wilmington, DE 19810

EPA Est. No. 49403-*EU*

EPA Reg. No. 49403-nya

NET CONTENTS:           gallons

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**CORROSIVE**

**CAUSES EYE DAMAGE AND SKIN BURNS**

**MAY CAUSE ALLERGIC SKIN REACTION**

**MAY BE HARMFUL IF INHALED**

**MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN**

Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly after handling.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. 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. Do not contaminate water when disposing of equipment washwaters or rinsate.

**CONDITIONS OF SALE AND WARRANTY**

Nipa Hardwicke warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. NIPA HARDWICKE MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage, and use of the product by Buyer or User are beyond the control of Nipa Hardwicke and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL NIPA HARDWICKE OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Nipa Hardwicke, Inc.  
3411 Silverside Road  
104 Hagley Building  
Wilmington, DE 19810

TEL: 302-478-1522

**ACCEPTED**  
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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.

### METALWORKING FLUID PRESERVATION

Nipacide CI microbiocide is recommended for the control of bacteria and fungi in soluble and emulsifiable type aqueous metalworking fluids.

For the maintenance of a nonfouled system, use Nipacide CI microbiocide at 3.5 fluid ounces (0.3 lbs.) per 1000 gallons of emulsion every 4 weeks or 3.5-16 fluid ounces (0.3-1.3 lbs.) per 1000 gallons emulsion every 8-12 weeks. For a noticeably fouled system use an initial dose of 7-16 fluid ounces (0.6-1.3 lbs.) per 1000 gallons emulsion to be followed by subsequent maintenance dosages depending upon the treatment interval noted above. A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with makeup fluid the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

The preservative should be dispensed into the use-dilution of the metalworking fluid using a metering pump and uniformly dispersed throughout the system.

### METAL CLEANING FLUID PRESERVATION

Nipacide CI microbiocide is recommended as a preservative for use in the manufacture and use of alkaline acid, and emulsion based metal cleaning fluids typically used in electroplating, phosphatizing, galvanizing and general metal cleaning operations.

For addition to a metal cleaning concentrate, add Nipacide CI microbiocide at a level to ensure that the final use-dilution fluid will contain 56 to 225 ppm product (6.25 to 25 ppm active isothiazolones).

For direct addition to a fouled system, add 7.2-29 fl. oz. (0.6-2.3 lbs.) of Nipacide CI microbiocide to each 1,000 gallons of use dilution metal cleaning fluid every 3-4 weeks to provide 56-225 ppm product (6.25-25 ppm active isothiazolones). A higher dosage range and/or increased frequency of treatment may be required depending upon rate of dilution of the preservative with the make up fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

The preservative should be dispensed into the use-dilution metal cleaning fluid using a metering pump and uniformly dispersed throughout the system.

### WATER-BASED HYDRAULIC FLUID PRESERVATION

Nipacide CI microbiocide is recommended as a preservative for use in the manufacture and use of high water-based hydraulic fluids and invert emulsion hydraulic fluids typically prepared by emulsifying 40% by volume water in 60% by volume of mineral oil using an oil soluble emulsifying agent.

For the maintenance of non-fouled systems in the mining, primary steel, motor vehicle production, machinery production, construction industry, etc. use Nipacide CI microbiocide at 12-15 fluid ounces (1.0 - 1.2 lbs.) per 1,000 gallons fluid every eight (8) weeks. For a noticeably fouled system use an initial dose of 15-25 fluid ounces (1.2-2.0 lbs.) per 1,000 gallons fluid to be followed by subsequent maintenance dosage. A higher dosage range and/or increased frequency of

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treatment may be required depending upon rate of dilution of the preservative with make-up fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

The preservative should be dispensed into the sue-dilution of the hydraulic fluid using a metering pump and uniformly dispersed throughout the system.

#### COMMERCIAL PHOTOPROCESSING SYSTEM PRESERVATION

Nipacide CI microbiocide is recommended to prevent slime formation or accumulation in filters and ion exchange resin tanks of commercial photoprocessing systems.

For the maintenance of a non-fouled system use Nipacide CI microbiocide at 3.5-7.1 fluid ounces (0.29 lbs. to 0.57 lbs.) per 1,000 gallons of water in the system once weekly, or as needed to maintain control of slime. For a noticeable fouled system, use an initial dose of 7.1-17.1 fluid ounces (0.57 to 1.38 lbs.) per 1,000 gallons water to be followed by subsequent maintenance dosage. A higher dosage range and/or increase frequency of treatment may be required depending upon rate of dilution of preservative with makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

The preservative should be dispensed into the final rinse or used water collection tank.

#### DISPERSED PIGMENT PRESERVATION

Nipacide CI microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper productions.

Add 0.056-0.225 lbs. of Nipacide CI microbiocide (25-102 g) to each 1,000 lbs. (453 Kg) of fluid to provide 56 to 225 ppm product (6.25 to 25 ppm active isothiazolones).

#### ADHESIVE AND TACKIFIER PRESERVATION

Nipacide CI microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene, and acrylic latices. Nipacide CI microbiocide is recommended as a preservative for tackifiers derived from rosin and hydrocarbon resins.

Add 0.056-0.225 lbs. of Nipacide CI microbiocide (25-102 g) to each 1,000 lbs. (453 Kg) of fluid to provide 56 to 225 ppm product (6.25 to 25 ppm active isothiazolones).

#### BUILDING MATERIAL PRESERVATION

Nipacide CI microbiocide is recommended as an in-container preservative for the control of bacteria and fungi in building materials such as mastics, caulks, joint cements, spackling, and grouting.

Add 0.056-0.225 lbs. of Nipacide CI microbiocide (25-102 g) to each 1,000 lbs. (453 Kg) of fluid to provide 56 to 225 ppm product (6.25 to 25 ppm active isothiazolones).

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## POLYMER LATEX PRESERVATION

Nipacide CI microbiocide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including: acrylic; styrene/butadiene; carboxylated styrene/butadiene; ethylene/vinyl acetate; and biopolymers intended for industrial use, such as xanthum gum, gum arabic, guar gum, protein derived polymers, starches, and casein derived polymers.

Add 0.056 - 0.45 lbs. of Nipacide CI microbiocide (25-204 g) to each 1,000 lbs. (453 Kg) of emulsion to provide 56 to 450 ppm product (6.25 to 50 ppm active isothiazolones).

NOTE: To insure uniform mixing, add Nipacide CI microbiocide to latex or solutions slowly with agitation. The actual concentrations required will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected, and level of protection required.

Nipacide CI microbiocide weight 10.4 pounds per gallon.

## STORAGE AND DISPOSAL

### PROHIBITIONS

This product as supplied evolves gas (largely carbon dioxide) slowly. To prevent build up of pressure the product is packaged in specially vented containers. keep this product in the original container when not in use. Container must be stored in an upright position to prevent spilling the contents through the vent. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

### PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerator, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### GENERAL

CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

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