



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 14, 2015

Marcia L. Croce
Regulatory Affairs Specialist
Lanxess Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

Subject: Label Amendment – Remove Notice to Buyer, Reformat Label, and Update the Label to Reflect Company Address and Registration Number
Product Name: N-948 WB
EPA Registration Number: 39967-108
Application Date: October 24, 2014
Decision Number: 497283

Dear Ms. Croce:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Terria Northern by phone at 703-347-0265, or via email at northern.terria@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "SEIICHI MURASAKI". The signature is written in a cursive style with a large initial "S" and "M".

Seiichi Murasaki
Acting Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

N-948 WB

A WATER-BASED FORMULATION TO INHIBIT AND CONTROL THE GROWTH OF MICROORGANISMS IN VARIOUS INDUSTRIAL PROCESS AND WATER SYSTEMS AND MATERIAL PRESERVATION.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE. Causes skin burns and irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors. Wear protective eyewear such as goggles or a face shield, and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

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.

IN CASE OF EMERGENCY, CALL:

CHEMTREC 800-424-9300

INTERNATIONAL 703-527-3887

EPA Reg. No.: 39967-108

EPA Est. No.: 67869-PA-01

Net WT: 251 Gal. 18 fl oz (998kg)

Lot No.:

ACCEPTED

01/14/2015

Under the Federal Insecticide, Fungicide,
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 39967-108

KEEP OUT OF REACH OF CHILDREN DANGER

ACTIVE INGREDIENTS:

Methylene bis thiocyanate	10.0%
Inert Ingredients	90.0%
TOTAL	100%

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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 immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

NOTICE TO BUYER: Buyer assumes all risks of use and handling which are at variance in any way with the directions hereon. There are no warranties, which extend beyond the description on this label.

For transportation emergencies call

Chemtrec at 1-800-424-9300.

The LANXESS Pittsburgh Emergency Response Telephone Number is 1-800-410-3063.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Do not contaminate water, food, or feed by storage or disposal. Store in a cool dry place in tightly closed original containers. Keep container tightly closed when not in use.

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.

Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Empty remaining contents into application equipment or mix tank. 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 two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

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LANXESS

LANXESS Corporation

111 RIDC Park West Drive • Pittsburgh, PA 15275-1112

10/28/2014

LANXESS

Energizing Chemistry

Product Information

N – 948 WB

**EPA Registration Number 39967-108
EPA EST Number 67869-PA-01**

N-948 WB

A WATER-BASED FORMULATION TO INHIBIT AND CONTROL THE GROWTH OF MICROORGANISMS IN VARIOUS INDUSTRIAL PROCESS AND WATER SYSTEMS AND MATERIAL PRESERVATION.

DIRECTIONS FOR USE

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

All ppms are expressed as active ingredient in water.

N-948 WB is effective against a wide variety of bacteria, fungi and yeast in various Industrial Process and Water Systems and Material Preservation. The following guidance is given as a range for each pattern. Actual field-testing is recommended to achieve optimum effectiveness. N-948 WB is approved by the FDA (21 CFR 176.300) for use in the manufacturer of paper and paper-board that contacts food. Other than the paper related uses on this label, do not use for any other listed applications, which may involve indirect food or drinking water contact.

INDUSTRIAL PROCESS AND WATER SYSTEMS AIR WASHER SYSTEMS:

For use only in industrial air washing systems that maintain effective mist eliminating components. Add 0.12 to 0.90 pounds of N-948 WB to 1000 gallons of water (1.4 to 10.8 ppm) in the air washer sump, or chill water sump to ensure uniform mixing, for the control of bacteria, fungi, and algae. A repeat treatment may be needed depending on the severity of contamination.

RECIRCULATING COOLING TOWERS:

For the control of bacteria, algae and fungi, feed N-948 WB to the tower basin or some other point to ensure uniform mixing. Add 0.3 to 1.86 pounds per 1000 gallons of water (3.6 to 22 ppm) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 0.40 to 0.90 pounds of N-948 WB (4.8 to 11 ppm) per 1000 gallons of water. Repeat if necessary to achieve control.

PAPER AUXILIARIES/ADDITIVES:

Use N-948 WB as a preservative for the control of bacteria and fungi in paper and paper additives and as slug dose for the control of bacterial and fungal slime in the production of paper. N-948 WB may be fed directly to the additive at the following dose ranges or to the Beater or Hydropulper to ensure uniform mixing.

DOSE RANGES PER 1000 GALLONS OF WATER:

Paper Auxiliaries/Additives . . . 6.9 to 69 pounds (82-827) ppm

Paper Slurries 6.9 to 69 pounds (82-827) ppm

DOSE RANGES PER TON (DRY BASIS) OF PULP OR PAPER PRODUCED:

Paper Mills 0.14 to 0.36 pounds (7 to 18 ppm)

BREWERY PASTEURIZER WATER: For Control of Bacteria, Yeasts and Fungi:

Dosages of N-948 WB will depend upon the condition of the system. Systems, which are heavily contaminated, should be cleaned first. N-948 WB should be added to the first section of the pasteurizer. The initial dose should be (0.19 to 0.37 pounds of N-948 WB per 1000 gallons of water (2.3 to 4.4 ppm) once or twice weekly, or as needed to obtain control of slime forming organisms. To maintain control, add 0.092 to 0.84 pounds per 1000 gallons of water of N-948 WB (1.1 to 10 ppm) once, twice or three times weekly, or as needed. Addition of N-948 WB may be continuously or intermittently, as required to control growth.

PETROLEUM PRODUCTION AND DISTRIBUTION DRILLING, COMPLETION AND WORKOVER FLUIDS:

Add N-948 WB to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

Initial Treatment: Add 0.2 to 4.0 gallons of N-948 WB per 100 barrels of fluid (4.1 to 83 ppm) to a freshly prepared fluid depending on the severity of contamination.

Maintenance Dose: Maintain a dose of 4.1 to 83 ppm by adding 0.2 to 4.0 gallons of N-948 WB per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

HYDROTESTING: Water used to hydro test pipelines or vessels should contain 0.1 to 40 gallons of N-948 WB per 1000 gallons water (11 to 4400 ppm), depending on water quality and length of time the equipment will remain idle.

MATERIAL PRESERVATION ADHESIVE, GLUES AND TACKIFIER PRESERVATION:

Add N-948 WB as an in-container preservative for the control of bacteria and fungi in water soluble and water dispersed adhesives. N-948 WB can be directly mixed homogeneous into the dry glues before they are concentrated.

DOSE RANGES PER 1000 GALLONS OF MATERIAL:

- Albumin Containing Glues . . . 6.9 to 69 pounds (82-827) ppm
- Bone Glues 6.9 to 69 pounds (82-827) ppm
- Casein-Containing Adhesives .. 6.9 to 69 pounds (82-827) ppm
- Cellulose-Based Adhesives . . . 6.9 to 69 pounds (82-827) ppm
- Dextrin-Based Adhesives 6.9 to 69 pounds (82-827) ppm
- Fish Glues6.9 to 69 pounds (82-827) ppm
- Gelatin-Based Glues6.9 to 69 pounds (82-827) ppm
- Leather Glues 6.9 to 69 pounds (82-827) ppm
- Plant Glues 6.9 to 69 pounds (82-827) ppm
- Polymer Dispersion-Based Adhesives 6.9 to 69 pounds (82-827) ppm
- Skin Glues 6.9 to 69 pounds (82-827) ppm
- Starch-Based Glues (Liquid) ...6.9 to 69 pounds (82-827) ppm
- Starch-Based Glues (Solid) 6.9 to 69 pounds (82-827) ppm

CONSTRUCTION PRODUCTS AND HOUSEHOLD PRODUCTS:

Add N-948 WB for the control of bacteria and fungi in water soluble and water dispersed construction products. N-948 WB can be fed either directly to the finished construction or household product or to one of the raw materials used in the formulation of the construction and/or household product.

DOSE RANGES PER 1000 GALLONS OF MATERIAL:

- Biopolymers (e.g. Xanthan).....6.9 to 69 pounds (82-827) ppm
- Caulking Materials6.9 to 69 pounds (82-827) ppm
- Mastics.....6.9 to 69 pounds (82-827) ppm
- Ceramic Glazes.....6.9 to 69 pounds (82-827) ppm
- Chemical Cleaning Solutions.....6.9 to 69 pounds (82-827) ppm
- Cleaning Solutions 6.9 to 69 pounds (82-827) ppm
- Concrete and Masonry Additives...6.9 to 69 pounds (82-827) ppm
- Concrete.....6.9 to 69 pounds (82-827) ppm
- Fire Extinguishing Medium.....6.9 to 69 pounds (82-827) ppm
- Photographic Gelatins6.9 to 69 pounds (82-827) ppm
- Plasters6.9 to 69 pounds (82-827) ppm
- Polishes.....6.9 to 69 pounds (82-827) ppm
- Rubber Systems.....6.9 to 69 pounds (82-827) ppm
- Tints.....6.9 to 69 pounds (82-827) ppm
- Wax Emulsions.....6.9 to 69 pounds (82-827) ppm

FUEL PRESERVATION: Add N-948 WB for the control of bacteria and fungi in the following liquid hydrocarbon fuels and oils: crude oils, aviation fuels, kerosene, heating oils, diesel fuels, residual fuel oils, coal slurries, liquefied petroleum gases and petrochemical feedstock. Add N-948 WB directly into a fuel tank, storage or a flowing stream of fuel in a manner to ensure uniform distribution of the preservative in the fuel system. Slug dose or continuous feed methods are recommended. When the system is noticeably fouled, add 32 - 64 fluid ounces of N-948 WB per 10,000 gallons of fluid in the system. This will provide 25 to 50 ppm of N-948 WB and 2.5 - 5.0 ppm active ingredient. Repeat until control is achieved. Grossly contaminated systems should be physically cleaned to remove debris. When the system is noticeably fouled add 64 - 128 fluid ounces of N-948 WB per 10,000 gallons of fluid to maintain the system. This will provide 50 to 100 ppm of N-948 WB and 5.0 - 10 ppm active ingredient. Repeat every 4-6 weeks or when microbial contamination is detected. **FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION ADMINISTRATION MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.**

LEATHER TANNING: N-948 WB is used as a preservative for the control of bacteria and fungi. Add N-948 WB directly into pickle solutions. An effective protection against mold attack may be obtained by adding N-948 WB into the basifying solution. Finished vegetable - tanned leathers and chrome leathers may also be protected against mold attack by a treatment on both sides of the material with a 0.025% - 0.25% solution of N-948 WB.

Dose Ranges:

- Chrome leather (calculated on pelt weight)... 0.025 - 0.25%
- Leather pasting adhesives 0.025 - 0.25%
- Leather pigment finishes 0.025 - 0.25%
- Pickle solutions and pickled hides..... 0.025 - 0.25%

METALWORKING FLUIDS, LUBRICANTS AND MINERAL OIL BASED PRODUCTS: Use N-948 WB as a preservative for the control of bacteria and fungi in Metalworking, Lubricants and Mineral Oil Based Products. Add N-948 WB directly to the cutting oil as recommended.

DOSE RANGES PER 1000 GALLONS OF MATERIAL: Metalworking fluids-Mineral Oil Based

Boring and Cutting Oils 6.9 to 37 pounds (82-444) ppm

Cooling fluids (concentrates) . 6.9 to 37 pounds (82-444) ppm

(ready for use) 6.9 to 37 pounds (82-444) ppm

Fuel oils 6.9 to 37 pounds (82-444) ppm

Hydraulic oils 6.9 to 37 pounds (82-444) ppm

Metalworking fluids-Non-Mineral Oil Based

Cooling fluids 6.9 to 37 pounds (82-444) ppm

Cutting Oils 6.9 to 37 pounds (82-444) ppm

PAINTS, COATINGS AND STAINS: N-948 WB is generally incorporated directly into pigments and fillers, but it can also be first dissolved in a suitable solvent, such as water, or added directly to the pre-heated binder systems. For best results, N-948 WB should be homogeneously incorporated into the stain or paint. Discoloration may occur, and should be evaluated.

DOSE RANGES PER 1000 GALLONS OF MATERIAL:

Alkyd Resin-Based Systems6.9 to 69 pounds (82-827) ppm

Casein-Systems 6.9 to 69 pounds (82-827) ppm

Latex-Based Systems 6.9 to 69 pounds (82-827) ppm

Oil-Containing Systems 6.9 to 69 pounds (82-827) ppm

Synthetic Resin Dispersions.....6.9 to 69 pounds (82-827) ppm

PIGMENTS, DYES AND FILLER SUSPENSIONS: N-948 WB is metered directly into the material to be preserved during the cooling step after the temperature falls below 50°C and homogeneously distributed by stirring.

DOSE RANGES PER 1000 GALLONS OF MATERIAL:

Calcium Carbonate Slurries . . 6.9 to 69 pounds (82-827) ppm

Carbon Black Pigment Slurries 6.9 to 69 pounds (82-827) ppm

Clay Slurries 6.9 to 69 pounds (82-827) ppm

Iron Oxide Pigment Slurries . . 6.9 to 69 pounds (82-827) ppm

Kaolin Slurries 6.9 to 69 pounds (82-827) ppm

Organic Dyes and Pigment Slurries 6.9 to 69 pounds (82-827) ppm

Other Filler Suspensions 6.9 to 69 pounds (82-827) ppm

Starch Slurries 6.9 to 69 pounds (82-827) ppm

Dispersing agent tank: 6.9 to 69 pounds (82-827) ppm

POLYMER DISPERSIONS AND EMULSIONS: N-948 WB is added immediately after the preparation of the polymer dispersion or emulsion during the cooling process. Mix N-948 WB evenly with dispersing agents for processes where the temperature does not exceed 50°C. Losses of active ingredient caused by elevated temperatures should be avoided.

DOSE RANGES PER 1000 GALLONS OF MATERIAL:

(Polymer Dispersions and Emulsions):

- Acrylic-Systems.....6.9 to 69 pounds (82-827) ppm
- Other Polymer Dispersions.....6.9 to 69 pounds (82-827) ppm
- Polyester-Based Systems.....6.9 to 69 pounds (82-827) ppm
- Polyurethane-Based Systems.....6.9 to 69 pounds (82-827) ppm
- Polyvinyl acetate (PVA) Systems.....6.9 to 69 pounds (82-827) ppm
- Styrene Butadiene Systems.....6.9 to 69 pounds (82-827) ppm
- Vinyl Acrylic-Based Systems.....6.9 to 69 pounds (82-827) ppm

TEXTILES: Add N-948 WB directly to the textile normally by dipping or spraying. The preservative is affixed to the fiber with a suitable acid like acetic acid. For the preservation of auxiliaries, N-948 WB is diluted in solvents as mentioned above or is homogeneously distributed with the aid of alkaline solutions or emulsion concentrates. Print thickeners are preserved by adding N-948 WB directly to the emulsion or homogeneously metered directly into the dried product. Milling may be necessary in order to obtain consistent particulate sizes.

DOSE RANGES PER 1000 GALLONS OF MATERIAL:

Auxiliaries

(Sizing Agents, Finishing Agents, Spinning Preparations,

- Wetting Agents) 6.9 to 69 pounds (82-827) ppm
- Awnings and Tarpaulins 6.9 to 69 pounds (82-827) ppm
- Carpets 6.9 to 69 pounds (82-827) ppm
- Cotton Production 6.9 to 69 pounds (82-827) ppm
- Felts 6.9 to 69 pounds (82-827) ppm
- Fire Hoses 6.9 to 69 pounds (82-827) ppm
- Geotextiles 6.9 to 69 pounds (82-827) ppm
- Jute, Sisal 6.9 to 69 pounds (82-827) ppm
- Shower Curtains 6.9 to 69 pounds (82-827) ppm
- Upholstery 6.9 to 69 pounds (82-827) ppm
- Wool Production 6.9 to 69 pounds (82-827) ppm

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.