NAVOC 10WB

A WATER-BASED FORMULATION TO INHIBIT AND CONTROL THE GROWTH OF MICROORGANISMS IN PULP AND PAPERMILLS, ADHESIVES, EMULSIONS, MINERAL SLURRIES AND DISPERSIONS

ACTIVE INGREDIENT:
Methylene Bis (thiocyanate)...........................................10.0 %
INERT INGREDIENTS.........................................................90.0 %
TOTAL....................................................................100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

CORROSIVE. Causes irreversible eye damage. May be fatal if swallowed. Harmful if absorbed through skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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Personal Protective Equipment (PPE). Applicators and all other handlers must wear: Long-Sleeved shirt and long pants; Chemical-resistant gloves made of any waterproof material; shoes plus socks; and wear appropriate protective eyewear such as goggles, face shield, or safety glasses.

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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PESTICIDE STORAGE:

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 Permit and the permitting authority has been notified prior to discharge.

PESTICIDE HANDLING:

Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after empting. Triple rinse (or equivalent) container promptly after empting. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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. Then pour water dry, then recylc for recylcing, if available, or reconditioning, or puncture and dispose of in a nonhazardous landfill, or by other procedure approved by state and local authorities.

DIRECTIONS FOR USE

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

SLIME CONTROL

Dosage: Add NAVOC 10WB to the papermill white water or stock system at 1.09-10.9 fluid oz/1000 gallon treated water. Under conditions of extensive recirculation of white water, high levels of fillers in the furnish, and/or generally severe levels of potential slime-forming bacteria and fungi, dosages approaching 10.9 fluid oz. NAVOC 10WB/1000 gallon of treated water can be used.

Method of Addition: NAVOC 10WB should be added from the drum by means of proportioning pumps directly to a location that will ensure uniform distribution in the mass of fiber and water, such as beaters, Jordan inlet, broke chests, save-alls, and white water tanks. The addition can be made either on a continuous or intermittent basis and scheduled by an automatic timer to facilitate handling and ensure accurate dosing. Under most operating conditions intermittent feed of several hours each shift is recommended. Under severe conditions of slime continuous feed is recommended.

MINERAL SLURRY PRESERVATION

For mineral slurry preservation (kaolin, calcium carbonate, titanium dioxide and other minerals in aqueous dispersion or slurry form), laboratory evaluations have shown NAVOC 10WB to be effective in limiting microorganism growth and thus helping to maintain product functionality and extend the storage life of the treated mineral. For mineral slurry preservation applications additions should be made to a location that will ensure adequate mixing and distribution of the NAVOC 10WB throughout the slurry to be treated. NAVOC 10WB should be applied via a positive displacement-proportioning pump directly to the vessel to be treated so that the recommended dose rate is achieved and mixing continues for at least 15 minutes after biocide addition has ceased.

PRESERVATION OF AQUEOUS SOLUTIONS

For the preservation of solutions, emulsions, adhesives and other aqueous liquid products, the addition of 75 to 750 ppm of NAVOC 10WB is effective. Add NAVOC 10WB at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. The exact amount of NAVOC 10WB to be added for the preservation of given formulations will depend on the components as well as local storage time and condition. Dosage rates should be determined by actual test. This product is not cleared for use in the manufacture of adhesives that may come in contact with food.
**DIRECTIONS FOR USE**

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

**SLIME CONTROL**

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**MINERAL SLURRY PRESERVATION**

For mineral slurry preservation (kaolin, calcium carbonate, titanium dioxide and other minerals in aqueous dispersion or slurry form), laboratory evaluations have shown Nalcon 10WB at use levels of 0.002-0.02% (based on total weight of the formulation) to be effective in limiting microbiological growth and thus helping to maintain product functionality and extending the storage life of the treated mineral.

**PRESERVATION OF AQUEOUS SOLUTIONS**

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**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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**Personal Protective Equipment (PPE).** Applicators and all other handlers must wear: Long-sleeved shirt and long pants; Chemical-resistant gloves made of any waterproof material; shoes plus socks; and wear appropriate protective eyewear such as goggles, face shield, or safety glasses.

**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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Do not contaminate water, food or feed by storage or disposal.

**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.

**CONTAINER HANDLING:** Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse for later use or disposal. This product is not cleared for use in the manufacture of any organism as well as local storage time and condition. Dosage rates should be determined by actual test. This product is not cleared for use in the manufacture of adhesives that may come in contact with food.

**FIRST AID**

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 5 minutes, then continue rinsing. 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 by a poison control center or doctor.

IF ON SKIN: 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 INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulances, or give artificial respiration if needed. Then give artificial respiration. Call a poison control center or doctor, if needed.

IF USED OR INGESTED: Call a poison control center, doctor, or other health professional for treatment advice. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothes.

**USER SAFETY RECOMMENDATIONS**

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. If pesticide gets inside clothing, remove clothing immediately, wash thoroughly, and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothes.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**
PRECAUTIONARY STATEMENTS
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(Instructions for refillable containers:)
CONTAINER HANDLING: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinseate into application equipment or rinseate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

EPA Reg. No. 1706-200
EPA Est. No. 1706-PA-01

DALCO Company
1601 West Diehl Road
Naperville, IL 60563-1198
EMERGENCY PHONE NO.: (800) 424-9300

KEEP OUT OF REACH OF CHILDREN

DANGER

KEEPS OFF OF PULP AND PAPER MILLS

DIRECTIONS FOR USE

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SLIME CONTROL
Dosage: Add NALCON 10WB to the papermill white water or stock system at 1.09-10.9 fluid oz/1000 gallon treated water. Under conditions of excessive recirculation of white water, high levels of filters in the furnish, and/or generally severe levels of potential slime-forming bacteria and fungi, dosages approaching 10.9 fluid oz. NALCON 10WB/1000 gallon of treated water can be used.

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MATERIALS OF CONSTRUCTION
For mineral slurry preservation applications additions should be made to a location that will ensure adequate mixing and distribution of the NALCON 10WB throughout the slurry to be treated. NALCON 10WB should be applied via a positive displacement-proportioning pump directly to the vessel to be treated so that the recommended dose rate is achieved and mixing continues for at least 15 minutes after biocide addition has ceased.

PRESERVATION OF AQUEOUS SOLUTIONS
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100.0%

TOTAL………………………………………….100.0%

INERT INGREDIENTS......................……..…… 90.0 %

ACTIVE INGREDIENT:
Methylene Bis (thiocyanate)…………………………10.0 %

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IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulances, for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

DANGER. CORROSIVE.

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DANGER

Methylene Bis (thiocyanate)

INERT INGREDIENTS: NALCON 10WB should be incorporated into the mixture at rates of 0.2 to 2.0 lbs. (2.9 to 29.5 oz.) per 1000 lbs. of total formula weight. Moderate agitation should accompany the addition of NALCON 10WB. Adding NALCON 10WB after steps involving extremes of temperature, of pH, and adding NALCON 10WB with make-up water are good manufacturing practices.

MINERAL SLURRY PRESERVATION

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