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Preventol WB

INDUSTRIAL MICROBIOCIDES (DILUTABLE CONCENTRATE)

PRESERVATIVE FOR THE LEATHER INDUSTRY, FOR THE PROTECTION OF CHROME OR VEGETABLE TANNED LEATHER, GLUES, ADHESIVES, PIGMENT SLURRIES, BUILDING MATERIALS SUCH AS JOINT CEMENTS AND CONCRETE ADDITIVES, METAL WORKING FLUIDS, MATERIALS IN THE TEXTILE, PAPER, POLISHES WAXES, PROTEIN SOLUTIONS, CERAMIC GLAZES, FIRE EXTINGUISHING MATERIALS, CLEANING SOLUTIONS AND DETERGENTS.

ACTIVE INGREDIENTS

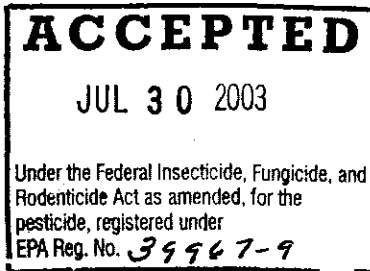
p-chloro-m-cresol-----29.6%
o-phenylphenol-----12.5%

INERT INGREDIENTS-----57.9%

KEEP OUT OF REACH OF CHILDREN

100%

DANGER!



7-30-2003

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER! CORROSIVE: Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles, face shield, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged and repeated contact may cause an allergic reaction in some individuals.

Net Contents: _____ Pounds

FIRST AID

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. Do not give anything by mouth to an unconscious person.

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. Call a Poison Control Center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call Poison Control Center or doctor for treatment advice.

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

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Detailed information on physical and chemical properties and other detailed directions for use can be found in the Preventol WB Technical Information Sheet. Obtain and read this information before undertaking the use of Preventol WB in order to avoid process mistakes.

NOTE TO USER:

For worker protection during mixing, loading and during application, wear a hat, long sleeved shirt, and long legged trousers or overalls. In addition, during mixing and loading, wear rubber or neoprene gloves and protective goggles. Protective clothing should be laundered separately following application.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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 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 disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If the container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds, and dispose of as directed above.

In case of emergency call: CHEMTREC: 1-800-424-9300 INTERNATIONAL: 703-527-3887
Bayer Corporation Emergency Response Telephone #: 412-923-1800

Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.

ENVIRONMENTAL HAZARDS

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.

PHYSICAL AND CHEMICAL HAZARDS

Avoid contact with eyes and skin. Avoid inhaling vapors or mists. Do not use or store near heat or open flame. Store in original containers away from food and drink. Keep containers tightly sealed. Reseal container immediately after use. Avoid unnecessary contact.

DISCLAIMER Seller (whether manufacturer, distributor, or other) makes no warranty express or implied, including the implied warranty of merchantability, regarding this product except the composition as set forth in the ingredient statement herein, and shall not be liable for special or consequential damages, the exclusive remedy being the replacement of the product. Buyer or user assumes all risk of possession, handling or use of this material when such use and/or handling is contrary to label instructions.

Preventol is a registered trademark of Bayer AG, Germany

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Product Information

Performance Products Division
Specialty Products

PREVENTOL WB

Product Code 78996

INTRODUCTION

PREVENTOL WB prevents damage to leather caused by mold and bacteria. Due to its special combination of active ingredients, Preventol WB has a wide spectrum of activity, including mold fungi, bacteria and yeasts. It is readily soluble in water and is easy to use.

USES:

Storage of raw hides	Protect against preservation damages
Soaking of hides, particularly dried hides	No damage caused by soaking
Pickled pelts	Protection of pelts against mold, even during shipping over long distances
Wet Blues	Prevention of mold formation and damage from bacteria, even during prolonged storage and shipping
Vegetable tanning floats	No tanning material loss due to mold formation, decomposition or acid formation
All types of finished leather	Gives long lasting leather protection against the formation of mold

PREVENTOL WB INDUSTRIAL FUNGICIDE

Application of Preventol WB:

It is advisable to dilute Preventol WB with 2-5 parts of water. This solution should then be added gradually to float or to the product to be preserved. Preventol WB is freely miscible with water. Therefore, lower concentrations may be possible.

PHYSICAL AND CHEMICAL PROPERTIES

Form supplied:	Clear, yellowish brown liquid with a slightly phenolic order
Composition:	Combination of phenolic active ingredients, free of pentachlorophenol
Density:	1:20 – 1.25 g/cm ³ at 20°C
pH:	10.5 (0.1% solution in water)
Ionic Charge:	Anionic
Solubility:	Forms a clear solution in water, lower alcohols and glycols
Solidification Point:	-28°C
Flash Point:	Above 100°C
Ignition Temperature:	Above 500°C

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PREVENTOL WB INDUSTRIAL FUNGICIDE

DIRECTIONS FOR USE

LEATHER TANNING

For use on salted hides:

Preventol WB (diluted 1:3 with water) is poured onto the salt using a water can and mixed thoroughly (for example, by shoveling). When using a mixer, the Preventol WB solution may also be sprayed onto the salt.

Preventol WB addition on salted weighted: 0.5 – 1%.

At least 250 kg raw hide can be satisfactorily preserved with 100 kg salt containing Preventol WB. At this concentration, Preventol WB does not have a tanning effect and does not affect the grain pattern of the hide.

Raw hides that are supplied already salted and which have to undergo a prolonged period of storage should be protected by adding salt containing Preventol WB.

The addition of 0.5 – 1% Preventol WB, calculated on the weight of the raw hide, appreciably improves the effect of the brine. Where the brine is used several times, after each process, approximately 0.5% Preventol WB should be added (calculated on weight of the raw hide).

Soaking raw hides, particularly dried hides:

300 – 500 g Preventol WB per m³ should be added to the water to be used for soaking. This prevents the damaging activity of microbes during soaking in warm water.

Pickled pelts:

0.2 – 0.5% Preventol WB, calculated on the weight of the pelts, should be added to the salt solution. After running time of approximately 10 minutes, the acids are added as usual.

Preservation during chrome tannage:

Preventol WB should be diluted with 2 – 5 parts water before use.

Good results are obtained if Preventol WB is used as early as the pickle, and is added a few minutes after the salt. In order to make sure that no Preventol WB remains in the piping, this should be flushed with water. After a running time of approximately 10 minutes, the acid may be added as usual.

If the pickle float is drained off, Preventol WB should be applied at the beginning of the chrome tannage process.

Recommended addition for wet blues:

0.2 – 0.3% Preventol WB, based on pelt weight.

0.3 – 0.5% Preventol WB in tropical areas and small animal skins.

When determining the dosage of Preventol WB, climatic conditions, the duration of storage of wet blues and the presence of substances that tend to promote mold formation of chrome leather (ammonia salts, phosphates, surfactants, fatliquoring agents, organic masking agents, etc.) must be taken into account. Therefore, it is only possible to state additions roughly. The optimum addition should be determined by trial for each individual application.

Preservation during vegetable tannage:

Pit tannage:

50 – 100 g Preventol WB per m³ added to the vegetable tan float is adequate for preservation. The most effective addition should be determined for each case individually. Additions should be diluted 1:2 – 1:3 and should be added gradually while stirring or circulating the float.

Drum tannage:

0.3 – 0.5% Preventol WB (diluted 1:2 – 1:5 and calculated on pelt weight) is added together with the vegetable tanning substance.

Preservation during retannage:

The preservation of leather is best carried out by adding Preventol WB during the last wet operation, i.e. normally to the fatliquor. To ensure long-lasting protection of the leather against mold, 0.2 – 0.4% Preventol WB, calculated on the shaved weight, should be added. When preparing the fatliquor, dissolve Preventol WB in the sulfonated or water-soluble fat component, then stir in the untreated oil and emulsify as usual.

SPECIAL NOTE

Preventol WB is an effective surface preservative for use in the leather industry. All surfaces must be treated appropriately at every step of operations, including untreated surfaces created by splitting or other mechanical operations.

SAFETY PRECAUTIONS

Preventol WB irritates the skin and mucous membranes and must therefore be handled with due care. The usual safety precautions for handling concentrated active ingredients – for example wearing rubber gloves and protective goggles – must be observed.

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Any part of the skin which comes into contact with the product must be washed immediately with plenty of water, splashes in the eyes must be rinsed out immediately with plenty of water and a doctor should be consulted.

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Health and Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling Bayer products mentioned in this publication. For materials mentioned that are not Bayer products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. **BEFORE WORKING WITH ANY PRODUCT MENTIONED IN THIS PUBLICATION, YOU MUST READ AND BECOME FAMILIAR WITH THE AVAILABLE INFORMATION CONCERNING ITS HAZARDS, PROPER USE AND HANDLING.** This cannot be overemphasized. Information is available in several forms; i.e., material safety data sheets and product labels. Consult your Bayer Representative or contact the Product Safety Manager for Specialty Products within the Health, Environment, Safety and Plant Management Department, Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741, (412)777-2000

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Performance Products Division • Specialty Products • 100 Bayer Road • Pittsburgh, PA 15205-9741 • Phone: 412-777-2000

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