

VINELAND MBT 10%

FOR CONTROL OF SLIME IN PULP & PAPER MILLS

ACTIVE INGREDIENT:

Methylene bis (thiocyanate) 10%
INERT INGREDIENTS 90%
100%

DIRECTIONS FOR USE

VINELAND MBT 10% may be added as a slug, intermittent or constant flow treatment. Add where agitation is sufficient and where distribution to the mill system is obtained (such as at the beater, fan pump, broke chest and hydropulper).

DOSAGE: Use 2-8 ounces by weight per ton of finished paper.
IMPORTANT: CONSULT MANUFACTURER FOR TECHNICAL SERVICE.

DANGER: Keep Out of the Reach of Children

See First Aid and Other Precautions on Side Panel

Batch No. Packaged by Wt.

EPA REG. NO. 2853-43

DANGER: Harmful or fatal if swallowed. May be absorbed by skin. Do not get in eyes, on skin or on clothing. Avoid breathing vapors. Causes eye and skin damage. Wear rubber gloves and safety glasses. Under alkaline and/or reducing conditions MBT may form hydrogen cyanide or cyanides. Strongly acid solutions may evolve hydrogen cyanide gas. Use in paper mill between pH 3 to 9 only. **DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.**

This product is toxic to fish and wildlife. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

CONTAINER DISPOSAL: Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, 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 a physician immediately.

NOTICE: Buyer assumes all responsibility for safety and use of this material not in strict accordance with directions given herewith.

2853-43

VINELAND CHEMICAL COMPANY
VINELAND, NEW JERSEY



Printed in U.S.A.

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TECHNICAL DATA SHEET (Con't.)

~~H. P. 253-98~~

APPLICATION:

Application will depend on local mill conditions. VINELAND MBT 10% dispenses on addition to the water system, and may be used as a slug treatment or as an intermittent or continuous feed. Apply to areas where mixing is good such as the beater, hydrapulper, run pump, and broke chests, and normally well ahead of areas of maximum need. Use 2 - 8 ounces by weight per ton of finished paper. Begin with higher dosages and decrease as control permits. Use at least once daily. Alternate with SLIMACIDE V-10 if local conditions necessitate. Consult VINELAND CHEMICAL COMPANY for technical assistance.

HANDLING PRECAUTIONS:

Harmful or fatal if swallowed. May be absorbed by skin. Do not get in eyes, on skin or on clothing. Avoid breathing vapors. Causes eye and skin damage. Wear rubber gloves and safety glasses. Under alkaline and/or reducing conditions MBT may form hydrogen cyanide or cyanides. Strongly acid solutions may evolve hydrogen cyanide gas. Use in paper mills between pH 3 to 9 only. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

FIRST AID:

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, 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 a physician immediately.

TECHNICAL ASSISTANCE:

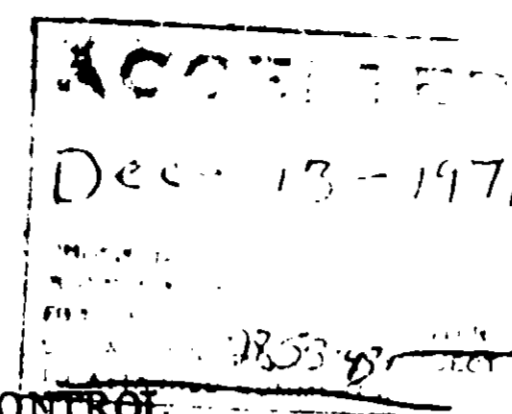
VINELAND CHEMICAL COMPANY provides technical assistance for the solution of slime control problems. Contact VINELAND CHEMICAL COMPANY, VINELAND, N. J. 08360. Phone: 609: 691-3535.

WARNING: THIS PRODUCT CAN BE INJURIOUS TO HEALTH: READ THE ENTIRE LABEL CAREFULLY AND USE ONLY AS DIRECTED.

TECHNICAL DATA SHEET

VINELAND MBT 10%

FOR PULP AND PAPER MILL SLIME CONTROL



VINELAND MBT 10% is a highly effective wide spectrum micro-biocide containing 10% methylene bis(thiocyanate) for use in paper mill slime control. It is formulated to disperse rapidly in the mill system, and is highly effective against microflora common to paper manufacture.

COMPOSITION:

ACTIVE INGREDIENT:	
Methylene bis(thiocyanate)	10%
INERT INGREDIENTS:	90%

TYPICAL PROPERTIES:

Appearance:	Clear amber liquid
Specific gravity:	0.925 at 20° C.
Pound per U.S. Gallon	7.65
pH (1% in water):	4.7
Flash point	86° F.
Freezing point:	Less than 50° F.
Odor:	Moderately pungent
Solubility in water:	Greater than 4,000 ppm at 25° C.
Stability:	Stable when used under moderately acidic paper mill conditions. Active under slightly alkaline conditions, but becoming unstable with increasing pH. (Use in paper mills between pH 3 to 9 only)

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TECHNICAL DATA SHEET (CON'T.)

FOOD AND DRUG REGULATIONS:

Methylene bis (thiocyanate) has been approved by the United States F.D.A. for use in manufacture of pulp and paper including paper used in food packaging, as provided in Title 21, Regulation Number 121-2505.

CONTAINER DISPOSAL:

Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place.

SHIPPING CONTAINERS:

55 U.S. Gallon steel drums
400 pounds net 454 pounds gross

NOTICE:

Buyer assumes all responsibility of use and safety of this material not in strict accordance with direction given herewith.

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