

METASOL TC-915

DANGER!

CAUSES EYE BURNS AND SKIN IRRITATION.

MAY BE HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN.

Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling.

Wash thoroughly after handling. Do not breathe vapor.

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, promptly give milk or white of egg beaten with water. Then give a tablespoonful of salt in a glass of warm water, repeat until vomit fluid is clear. Repeat milk or white of egg beaten with water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Measures against circulatory shock, respiratory depression, and convulsion may be needed.

8019202

Inhibits and Controls Growth of Slime-Forming Bacteria and Fungi in Pulp and Paper Mills

NET WT. 500 LB.



MERCK CHEMICAL DIVISION
MERCK & CO., INC. • RAHWAY, N. J. 07065, U.S.A.

Proo

ACTIVE ING

Methylen
2,4,5 Tric
2,6-B's (H
cyclohex

INERT INGR

Patent Peo

DOSAGE -
amount requ
the Product I

DISPOSAL
AND SPILL
drum. Send
destroy by
burying in a

Flush spillag
water

This product
Treated efflu
where it wil
ponds, or pu
inate water b
disposal of v
only as speci

NOTICE TO
all risks of us
variance in a
hereon. Ther
extend beyo
label

EPA REG
Made in U.S.

METASOL TC-915

LOT

Product 91593

Inhibits and Controls Growth
of Slime-Forming Bacteria and
Fungi in Pulp and Paper Mills

NET WT. 500 LB.



MERCK CHEMICAL DIVISION
MERCK & CO., INC. • RAHWAY, N. J. 07065, U.S.A.

ACTIVE INGREDIENTS

Methylene bis (thiocyanate) 9%
2,4,5 Trichlorophenol 15%
2,6 Bis [(dimethylamino) methyl]
cyclohexanone 2%

INERT INGREDIENTS 74%

Patent Pending
DOSAGE - Add liquid to machine in amount required by actual test. Refer to the Product Data Sheet.

DISPOSAL OF EMPTY CONTAINERS AND SPILLAGE - Do not reuse empty drum. Send to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

Flush spillage with large quantities of water.

This product is toxic to fish and wildlife. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

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.

EPA REG. NO. 2079-37-AA
Made in U.S.A.

METASOL TC-915



DESCRIPTION:

METASOL TC-915 is a special blend of methylene bis(thiocyanate), 2,4,5 trichlorophenol and 2,6 bis(dimethylaminomethyl) cyclohexanone. It is used to control mold-producing organisms in pulp and paper mill systems. METASOL TC-915 is a special formulated blend of methylene bis(thiocyanate), 2,4,5 trichlorophenol, and 2,6 bis(dimethylaminomethyl) cyclohexanone. It has excellent stability and is readily dispersible in aqueous systems. METASOL TC-915 provides a broad spectrum of activity against bacteria and fungi and can be used as a slimeicide in the manufacture of paper or paperboard for use in the food packaging industry.

SPECIFICATIONS:

Chemical name:	A special blend of methylene bis(thiocyanate), 2,4,5 trichlorophenol and 2,6 bis(dimethylaminomethyl) cyclohexanone
Description:	Amber colored, nonviscous liquid
Active ingredients:	9% Methylene bis (thiocyanate), 15% 2,4,5 trichlorophenol, 2% 2,6 bis(dimethylaminomethyl) cyclohexanone
pH of 10% solution:	3.6
Specific gravity:	1.1
Freezing point:	-15°F
Flash point:	88°C
Tag open cup	
Weight per gallon:	9.1 lb.

PACKAGING:

55-gallon lined metal drums, net weight 500 lb.

PRECAUTIONS:

CAUSES EYE BURNS AND SKIN IRRITATION. MAY BE HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN.

Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves

(cont'd)

character. If necessary, remove and wash contaminated clothing before reuse.

If swallowed, *do not* give milk or white of egg beaten with water. Then, use a tablespoon of salt in a glass of warm water, repeat until vomit fluid is clear. Repeat milk or white of egg beaten with water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN:

Measures against circulatory shock, respiratory depression, and convulsion may be needed.

RECOMMENDED USES AND APPLICATIONS

FOR BACTERIAL AND FUNGAL SLIME CONTROL IN PULP AND PAPER MILL SYSTEMS

DOSAGE:

Test data show that METASOL TC-915 in concentrations of 10 to 100 ppm will inhibit the growth of slime-forming bacteria and fungi usually encountered in pulp and paper mill systems. METASOL TC-915 can be added to the paper mill white water or stock system at 1.2 to 12 fl. oz./1000 gal. of treated water (0.0825 to 0.825 lbs./1000 gal. of treated water). Under conditions of extensive recirculation of white water, high levels of fillers in the furnish and generally severe levels of potential slime-forming bacteria and fungi, dosages approaching 12 fl. oz./1000 gal. of treated water are recommended. Under less severe conditions, lower dosages, approaching 1.2 fl. oz./1000 gal. of treated water, should be used. Each mill system varies considerably so that the actual amount of METASOL TC-915 required to minimize bacterial and fungal slime is best determined by actual test in the system.

The Metek Chemical Division offers the services of trained professional chemical engineers and microbiologists who can offer technical assistance in solving in-plant slime control problems.

METHOD OF ADDITION:

METASOL TC-915 should be added from the drum by means of proportioning equipment directly into the mill system. The addition can be made either on a continuous or intermittent basis, and is facilitated by an automatic timer to facilitate handling and to insure accurate dosing. Under most operating conditions, intermittent feed is preferred. One each shift is recommended. Under severe conditions, at least one addition per shift is recommended.