

MAR 05 1992

Calgon Corporation  
P.O. Box 1346  
Pittsburg, PA 15230

Attn: Stanley C. Oslosky

Subject: Metosol D3T-A  
EPA Registration Number 10445-34  
Amendment dated January 23, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records. Five copies of the finished labeling must be submitted before you release the product for shipment.

The precautionary statements must read as follows:


Precautionary Statements  
Hazard to Humans and Domestic Animals  
DANGER. Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves, and rubber apron when handling. Wash thoroughly after handling. Do not breathe vapors or spray mist.

Delete the statement "May cause skin sensitization" in the precautionary statements and on the technical bulletin. Note that a dermal sensitization study must be submitted to support this statement.

Change "First Aid" to read "Statement of Practical Treatment".

If you have any questions concerning this letter, please contact Martha DeLaney at (703) 305-6982.

Sincerely,

John H. Lee   
Product Manager 31  
Antimicrobial Program Branch  
Registration Division H7505C

Enclosure



SUBSIDIARY OF MERCK & CO., INC.

00-620

# METASOL<sup>®</sup> D3T-A

**INHIBITS AND CONTROLS GROWTH OF SLIME-FORMING  
BACTERIA AND FUNGI IN PULP AND PAPER MILLS  
AND IN CASEIN, EMULSIONS, SIZINGS  
PASTES AND GLUE SOLUTIONS**

For information regarding incidents involving human and environmental exposure, call (412) 777-8000 and request to speak to the Health and Environmental Affairs Department.

#### Active Ingredients

Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione ..... 21%

Inert Ingredients ..... 79%

**Net Weight 2750 Lb. (1247.4 Kg.)**

**CALGON CORPORATION**  
CALGON CENTER • PITTSBURGH, PA. 15230

#### DIRECTIONS FOR USE

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

#### STORAGE AND DISPOSAL

**Prohibition** - Do not contaminate water by storage or disposal.

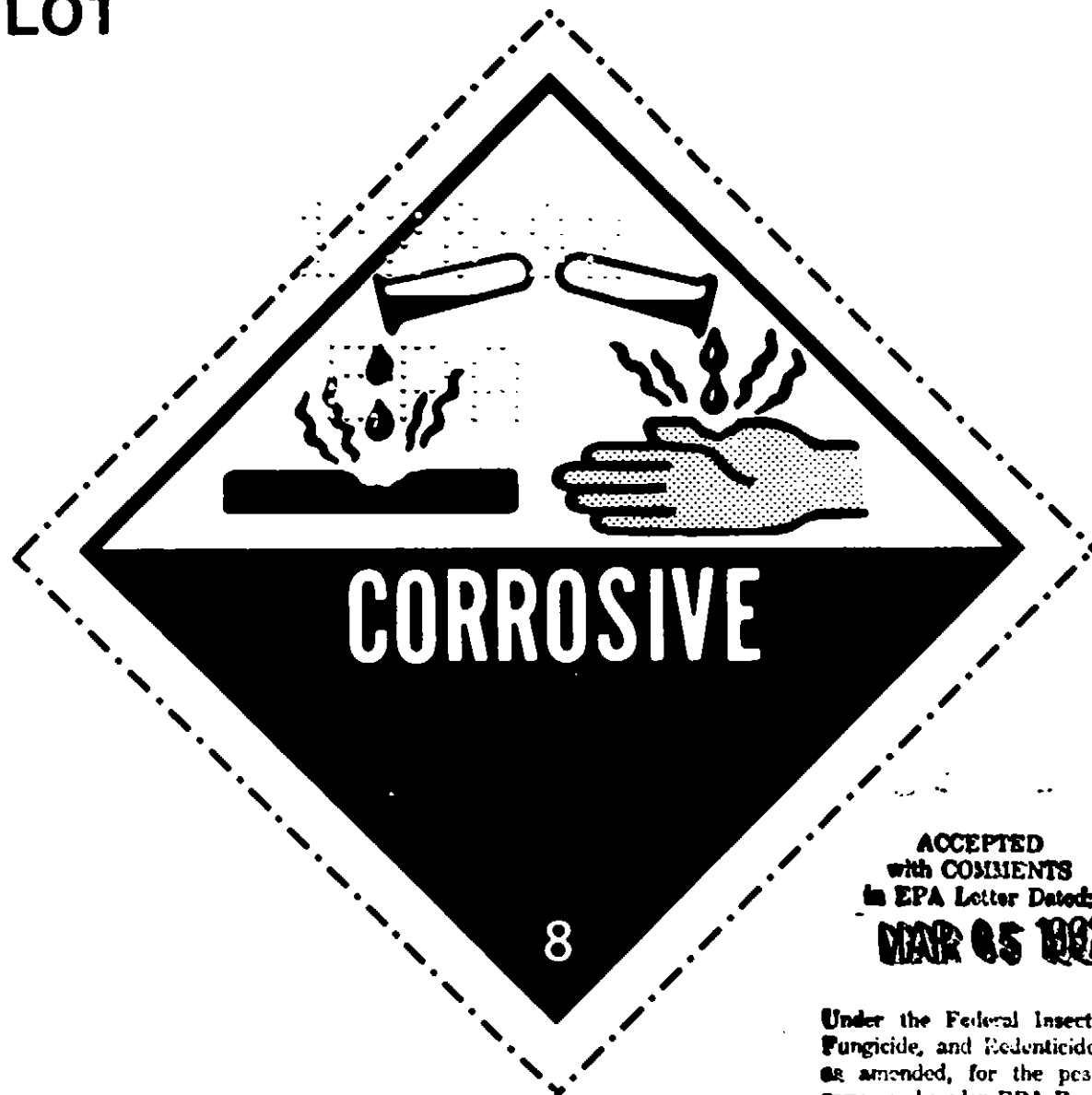
**Pesticide Disposal** - Pesticide wastes are acutely hazardous. Improper disposal of excess material, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the usual means, contact your State or Environmental Control Agency, or the nearest Waste representative at the nearest EPA Office for guidance.

**Plastic Containers** - Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, by incineration, if allowed by State and local authorities, or by other means. Do not burn, stay out of smoke.

#### ENVIRONMENTAL HAZARD

This product is toxic to fish. Do not discharge this product into lakes, streams, estuaries, oceans, or public waters unless specifically identified and addressed in an approved permit. Do not discharge effluent containing this product into municipal sewage treatment systems without previously notifying the local sewage plant authority. For guidance, contact your local Board or Regional Office of the EPA.

LOT



**CORROSIVE LIQUID, N.O.S.**  
**(Contains Sodium Hydroxide)**  
**UN 1760**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
**MAR 05 1992**

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

10445-34

**DANGER!** **CORROSIVE**  
**CAUSES EYE DAMAGE AND**  
**SKIN IRRITATION**  
**HARMFUL IF SWALLOWED**

May cause skin sensitization.  
Do not get in eyes, on skin, on clothing.  
Wear goggles or face shield, rubber gloves, and rubber  
apron when handling.  
Wash thoroughly after handling.  
Do not breathe vapor or spray mist.

**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, call a physician or Poison Control Center.  
Drink 1 or 2 glasses of water and induce vomiting by  
touching back of throat with finger or, if available, by  
administering syrup of ipecac. Do not induce vomiting or  
give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Gastric lavage with a stomach tube  
is contraindicated. Measures against circulatory shock,  
respiratory depression, and convulsion may be needed.

**NOTICE:** Seller expressly warrants that the product con-  
forms to its chemical description. There are no warran-  
ties associates with the sale of this product either express-  
ed or implied, including but not limited to the warranties  
of fitness for a particular purpose or merchantability.

E.P.A Registration No. 10445-34

- ☐ EPA Establishment No. 10445-PA-01  
☐ EPA Establishment No. 10445-TX-01

broad spectrum of activity against microorganisms and is effective for the control of slime-producing organisms in pulp and paper mills at low cost levels. It can be used as a slimeicide in the manufacture of paper and paperboard used in food packaging.

## RECOMMENDED USES AND APPLICATIONS

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

#### Dosage

Laboratory test data show that Metasol D3T-A will inhibit the growth of slime forming bacteria and fungi in pulp and paper mill systems. Each mill system varies considerably with respect to the components of the furnish, white water temperatures, the extent of good housekeeping and types of equipment in use. The amount of Metasol D3T-A required to minimize bacterial and fungal slime is best determined by actual test in the system and falls in the range of 5-36 fluid ounces per ton of finished product.

*Calgon Corporation 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 D3T-A can be added directly from the drums to points in the wet end of the mill system by means of pumps or gravity feed. Good agitation is required for rapid dispersion. Continuous addition is the preferred method to insure adequate concentrations. This may be accomplished by use of metering pumps. Shock dosage is to be avoided. Badly fouled systems must be cleaned before treatment is begun.

### FOR THE PRESERVATION OF CLAY SLURRIES, ADHESIVES, COATINGS, AND HIGH VISCOSITY SUSPENSIONS

#### Dosage

Test data show that Metasol D3T-A is effective as a preservative at use levels of 0.05-0.125% (w/w) based on the total formulation in slurries of starch, clay, calcium carbonate or titanium dioxide; paper coatings; high viscosity suspensions (e.g. polymers; silica-polymer combinations); polyvinyl alcohol/polyvinyl acetate based adhesives; starch based adhesives; dextrin based adhesives. The exact amount necessary for the preservation of any given formulation will depend on the components, storage time and temperature, etc., and can best be determined by actual test.

#### Method of Addition

For preservation of slurries and high viscosity suspensions, the material should be added at a point in the processing where there will be sufficient time and agitation for good dispersion.

**PACKAGING:** Available in Bulk, Bins, 5-Gallon, and 55-Gallon Plastic Drums

**BEST AVAILABLE COPY**

EPA Registration No. 10445-34