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PM 21

# MORTON THIOKOL, INC.

2829-125

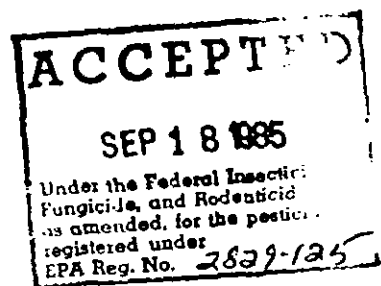
## Ventron Division

### VINYZENE\* ANTIMICROBIALS

BACTERIOSTATIC AND FUNGISTATIC ADDITIVES FOR PLASTIC COMPOUNDS

#### PRODUCT SERIES

BP-55 DIDP



#### DESCRIPTION

VINYZENE antimicrobials are solutions of 10,10'-oxybisphenoxarsine (OBPA) in selected non-volatile plasticizer carriers. They are recommended for PVC, polyurethane and other plastics and synthetic rubbers. Low concentrations of VINYZENE antimicrobials will provide long-term protection against a broad spectrum of bacterial and fungal attack and will help prevent surface growth, musty odors, permanent staining, embrittlement and premature product failure.

#### APPLICATION

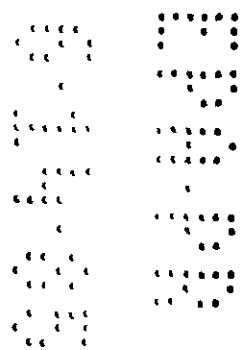
VINYZENE antimicrobials are recommended for film and sheeting, extruded profiles, plastisols, molded goods, organosols, fabric coatings and similar systems requiring an effective antimicrobial compound. These solutions are compatible with most polymer formulations and will not discolor or detract from the protected product's chemical or physical properties. VINYZENE products can be conveniently incorporated into the formulation.

Properly formulated plastics with VINYZENE protection will resist microbiological deterioration after long-term exposure to heat and severe weathering conditions.

VENTRON CAN PROVIDE MICROBIOLOGICAL SUSCEPTIBILITY TESTING AND ASSISTANCE IN DEVELOPING FORMULATIONS TO MEET YOUR SPECIFIC REQUIREMENTS.

Susceptible items successfully protected with VINYZENE:

- |                   |                      |
|-------------------|----------------------|
| SHOWER CURTAINS   | AUTO LANDAU TOPS     |
| FLOOR COVERINGS   | TARPAULINS           |
| WALL COVERINGS    | AWNINGS              |
| DITCH LINERS      | REFRIGERATOR GASKETS |
| COATED FABRICS    | WEATHER STRIPPING    |
| VINYL MOLDING     | SWIMMING POOL LINERS |
| MARINE UPHOLSTERY |                      |



MORTON THIOKOL, INC.

Ventron Division

100 Adams Street, Boston, MA 02109, TEL: 734-2400, FAX: 734-2478/100 VENTRON DARS

# Vinyzene® BP-55 DID

Bacteriostatic & Fungistatic Additive for Vinyl Compounds

## PRECAUTIONARY STATEMENTS

### HAZARDS 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 and rubber gloves when handling. Harmful if swallowed

#### FIRST AID

If splashed on skin, wash thoroughly with soap and water. If splashed in eyes, wash eyes immediately with copious amounts of water and secure medical attention immediately. Wash after handling

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Treated effluent should not be discharged 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

DO NOT APPLY DIRECTLY TO WATER

### DIRECTIONS FOR USE

#### NOTICE TO USER:

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

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Triple rinse empty containers and offer for recycling. Metal drums that cannot be reconditioned and recycled, should be punctured or crushed and disposed of in a landfill, or other procedures approved by state and local authorities.

Pesticide wastes are toxic. 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.

FOR ADDITIONAL INFORMATION REFER TO TECHNICAL DATA SHEET

#### Active ingredient:

10, 10'-oxybisphenoxarsine  
(Total arsenic as elemental As 1.50%)  
(Water soluble arsenic as elemental As - Less than 0.1%)

#### Inert ingredient:

**ACCEPTED**

SEP 18 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registration under EPA Reg. No. 2829-125

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT

KEEP OUT OF REACH OF CHILDREN

## DANGER

READ THIS LABEL BEFORE USE FOR INDUSTRIAL USE ONLY

EPA REGISTRATION NO. 2829-125  
EPA EST. REGISTRATION NO. 2829-IL-1

Seller makes no warranty, expressed or implied, concerning the product other than indicated on the label. Buyer assumes all and/or handling of this material when such use and/or handling is label instructions.

weight of the compound.

Exterior Applications: VINYZENE BP-55 Series - 1.0% based on the total weight of the compound.

The recommended use levels are based upon tests conducted in Ventron Laboratories and exposure of products to actual service conditions. Recommendations on formulation parameters for products are available from Ventron.

VINYZENE BP-55 formulations are incorporated into a compound by substituting the required level (0.6% or 1.0%) for an equal amount of plasticizer or polyol. For example, in 1000 lbs. of a compound containing 300 lbs. of DIDP plasticizer and requiring a 1.0% VINYZENE level, 10 lbs. of the DIDP would be replaced with 10 lbs. of VINYZENE BP-55 DIDP. It is important to remember that the cost of using VINYZENE is, therefore, calculated as the difference in cost between the VINYZENE and the replaced plasticizer.

#### HANDLING PRECAUTIONS

VINYZENE BP-55 antimicrobials are corrosive to skin and eyes. If VINYZENE is splashed in the eyes, flush with copious amount of water and secure immediate medical attention. If it is splashed on the skin, wash thoroughly with soap and water. VINYZENE solutions are harmful if swallowed and should be kept out of the reach of children.

VINYZENE antimicrobials are toxic to fish and wildlife. VINYZENE should not be discharged where it will drain into lakes, streams, ponds, or public water.

Wear eye protection and rubber gloves when handling.

VINYZENE BP-55 formulations should only be used as specified on the container labeling.

Seller makes no warranty, expressed or implied, concerning the use of this product, other than as indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.