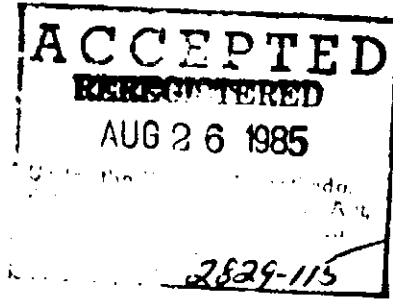


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Pm 21
#2829.115



VINYZENE SB-1

DESCRIPTION

Vinyzene SB-1 is a concentrate of 10,10'-oxybisphenoxarsine (OBPA) in a polymeric resin carrier. The product, supplied as a homogeneous solid in pelletized form, is recommended for PVC, polyurethane, polyolefin, nylon and other polymeric compositions requiring preservation against fungal and bacterial deterioration. Low levels of VINYZENE SB-1 will provide long term preservation against fungal and bacterial attack and will help prevent surface growth, permanent staining, embrittlement and premature product failure.

TYPICAL PROPERTIES

| | |
|--|--------------------------|
| Composition | |
| 10,10'-oxybisphenoxarsine | 5% |
| Resin carrier | 95% |
| Pellet size: | Approx. 1/16" X 1/16" |
| Bulk density (ASTM-D1895) | 50-53 lbs./cu. ft. |
| Appearance: | Clear light straw pellet |
| Torque Rheometer viscosity (Rheocord): | 590 meter-grams |
| Glass transition temperature: | 70 C (158 F) |

RECOMMENDED USES

Interior Applications: such as PVC floor and wall coverings, coated fabrics for upholstery, interior automotive parts (including air-conditioner cases), refrigerator gaskets, shower curtains, and mattress covers, polyolefin waste receptacles, and polyethylene pipe wrap.

use 0.6% of VINYZENE SB-1 based upon the total weight of the formulation (6 lbs./1000 lbs of compound).

Exterior Applications: such as automotive landau tops, exterior automotive trim, tarpaulins, awnings, ditch and pool liners, marine upholstery, swimming pool liners, drainage hose, evaporation barriers, and underground cable jacketing.

use 1.0% VINYZENE SB-1 based upon the total weight of formulation (10 lbs./1000 lbs. of compound).

Carpet: such as nylon, polyolefin or polyester (fiber, underlay and backing) for commercial application in hospitals, restaurants, offices,

use 1.0% Vinyzene based on the weight of the fiber. Vinyzene can be added at any convenient stage of the melt spinning operation.

Roofing membranes and drainage pipes/hose:

use 4.0% VINYZENE SB-1 based upon the total weight of formulation (40 lbs./1000 lbs. of compound).

Effective preservation against growth of bacteria and fungi can be obtained with low levels of VINYZENE SB-1. The addition level is dependent upon the fungal and bacterial susceptibility of the product, the amount of preservation required, the ultimate use of the product and the degree of exposure to outdoor weathering or other conditions favorable for fungal and bacterial growth.

The recommended use levels are based upon tests conducted in Ventron laboratories and experience with exposure of product to actual service conditions, FUNGAL AND BACTERIAL SUSCEPTIBILITY TESTING AND ASSISTANCE IN DEVELOPING FORMULATIONS TO MEET YOUR SPECIFIC REQUIREMENTS ARE AVAILABLE FROM VENTRON.

APPLICATION

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

VINYZENE SB-1 not only eliminates dusting problems but reduces the need for special handling. It is compatible with most thermoplastic resins and will not discolor or detract from the product's chemical or physical properties.

VINYZENE SB-1 can be incorporated into the resin compound at any convenient stage of the manufacturing process. The product can be fed into an extrusion operation in much the same way as pelletized color concentrates. Since VINYZENE SB-1 is soluble in most common coating and printing ink solvents, it can be added directly to the vehicle during manufacture.

For those processors and compounders unable to use VINYZENE SB-1 in pellet form, other VINYZENE bacteriostatic and fungistatic compounds are available as 1% and 2% active solutions in various plasticizers and in several solvents. They are also available as 2% active anionic, cationic and nonionic emulsions. Call or write Ventron for data sheets.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Remove empty polyethylene liners from the drum and incinerate the liner or dispose with other refuse.

Empty drums may be reconditioned and recycled. Alternatively, crush fiber drums and incinerate or dispose with other refuse.

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Metal drums that cannot be reconditioned and recycled, should be crushed and disposed in landfill.

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.

Standard Package

50#: net fiber drum
350#: net fiber drum
EPA Registration No.: 2829-115

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.

Vinyzene® SB-1

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Bacteriostatic & Fungistatic Additive for Vinyl Compounds

Do not allow in direct contact with skin. Do not allow material to be splashed in eyes. Avoid contact with clothing. Harmful if swallowed.

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.

DO NOT APPLY DIRECTLY TO WATER.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

DIRECTIONS FOR USE

NOTICE TO USER: It is a violation of Federal law to use this product in a manner inconsistent with the label.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL
 Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinseate 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.

CONTAINER DISPOSAL

Remove empty polyethylene liners from the drum and incinerate the liner or dispose with other refuse. Empty drums may be reconditioned and recycled or crush fiber drums and incinerate or dispose with other refuse. Metal drums that cannot be reconditioned and recycled, should be crushed and disposed in landfill.

DIRECTIONS

INTERIOR APPLICATIONS Such as PVC floor and wallcoverings, coated fabrics for upholstery, interior automotive parts, refrigerator gaskets, shower curtains, and mattress covers. Use 0.6% of VINYZENE SB-1 based upon the total weight of the formulation (10 lbs/1000 lbs of compound).

EXTERIOR APPLICATIONS Such as automotive landau tops, exterior automotive trim, tarpaulins, awnings, ditch and pond liners, marine upholstery, swimming pool liners. Use 1.0% of VINYZENE SB-1 based upon the total weight of the formulation (10 lbs/1000 lbs of compound).

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|--|------|
| Active Ingredient | |
| 10, 10-dicyclophenoarsine | 5% |
| (Total arsenic as elemental As 1.5%) | |
| (Water soluble arsenic as elemental As | |
| Less than 0.01%) | |
| Inert Ingredients | 95% |
| | 100% |

ACCEPTED
REREGISTERED
AUG 26 1985
 Under FIFRA Section 6(b)(2), this pesticide is registered under EPA Reg. No. 2829-115

CAUTION

Keep Out of Reach of Children

READ THIS LABELING BEFORE USE

FOR ADDITIONAL INFORMATION SEE BULLETIN

U.S. Patent No. 4,086,297

Licensed for use under U.S. Patent No. 3,06

EPA REGISTRATION NO. 2829-115

EPA EST. REGISTRATION NO. 2829-IL-

Seller makes no warranty, expressed or implied concerning the use of this material when such use and/or handling is contrary to labeling.