VINYZENE™ Biocides Product Selection Guide

Our complete range of biocides protects plastic products from harmful attack by mold, mildew and bacteria, preventing physical and aesthetic degradation and premature product failure in Vinyl, PU, TPO, TPE and many other polymers.

PLASTICS BIOCIDES

ROHM AND HAAS

VINYZENE™ biocides are active substances that can be added to your formulation to prevent mold, mildew and bacteria.

Key Performance	VINYZENE™ DCOIT Formulated Biocide	VINYZENE™ OIT Formulated Biocide	VINYZENE™ OBPA Formulated Biocide
Green Chemistry Award*	●		
Broad spectrum of activities	●	●	●
Longest lasting protection against microorganism	●		
Superior antifungal performance in standing up UV radiation	●		
Good water leaching resistance	●		●
Heavy metal free	●	●	
Heat stable	●	●	●
Compatible with Vinyl, PU, TPO, TPE and other polymers	●	●	●
Suitable for outdoor application	●		●
Suitable for indoor application	●	●	●
Products available in liquid and solid forms	●	●	●

* The Presidential Green Chemistry Challenge Awards Program provides national recognition of outstanding chemical technologies that incorporate the principles of green chemistry into chemical design, manufacture, and use, and that have been or can be utilized by industry in achieving their pollution prevention goals.

Rohm and Haas Company was being nominated by US EPA for Presidential Green Chemistry Award in 1996 on products based on DCOIT chemistry.

Find the essential information on VINYZENE™ biocide product line and select the right product to prevent mold, mildew and bacteria.

ROHM AND HAAS' biocides are effective in a wide range of indoor and outdoor applications.

VINYZENE™ DCOIT

PRODUCT NAME	Solid	Liquid	% Active	Carrier	Dosage Level	
					Min.	Max.
VINYZENE™ IT 4000 DIDP biocide		x	4	DIDP	2.0	5.0
VINYZENE™ IT 4010 EDIDP biocide		x	10	DIDP	0.8	2.0
VINYZENE™ IT 4020 DINP biocide		x	20	DINP	0.4	1.0
VINYZENE™ SB-27 biocide	x		10	PVC	0.8	2.0
VINYZENE™ SB-27 K120ND biocide	x		10	K120ND	0.8	2.0

VINYZENE™ OIT

PRODUCT NAME	Solid	Liquid	% Active	Carrier	Dosage Level	
					Min.	Max.
VINYZENE™ IT 3008 DINP biocide		x	8	DINP	1.0	1.5
VINYZENE™ IT 3010 DIDP biocide		x	10	DIDP	0.8	1.2
VINYZENE™ IT 3020 DINP biocide		x	20	DINP	0.4	0.6

VINYZENE™ OBPA

PRODUCT NAME	Solid	Liquid	% Active	Carrier	Dosage Level	
					Min.	Max.
VINYZENE™ BP 5-2 biocide		x	2	ESO	1.5	2.5
VINYZENE™ BP 5-2 DIDP biocide		x	2	DIDP	1.5	2.5
VINYZENE™ BP 5-2 DOP biocide		x	2	DOP	1.5	2.5
VINYZENE™ BP 5-2 OL biocide		x	2	OL	1.5	2.5
VINYZENE™ BP 5-2 S160 biocide		x	2	S160	1.5	2.5
VINYZENE™ SB-1 biocide	x		5	PVC/PVA	0.6	1.0
VINYZENE™ SB-1 ELV biocide	x		5	ELV	0.6	1.0
VINYZENE™ SB-1 U biocide	x		5	PU	0.6	1.0

CARRIERS

DIDP = Di-Isodecyl Phthalate	DOP = Di-Octyl Phthalate	ESO= Epoxidized Soybean Oil	OL = Buthanediol-1,4	S160 = Benzyl Butyl Phthalate
DINP = Di-Isononyl Phthalate	ELV = EVA Copolymer	K120 ND = Paraloid™ K120 ND	PU= Polyurethane resin	PVC / PVA = Polyvinyl Chloride / Acetate

Increase the value and enhance the durability of your products with VINYZENE™ biocide.

Applications successfully treated with Vinyzene™ biocides include:

- Roofing Membranes/Swimming Pool Liners
- Bath and Kitchen Mats
- PVC/PU Coated Fabrics
- Flooring/Wall Coverings
- Gaskets
- Footwear/Shoe Soles
- Wood Plastic Composites

ROHM AND HAAS SUPPORT

ROHM AND HAAS supports each VINYZENE™ biocide with a commitment to technical service and customer support. Our research and technical facilities are staffed by experienced personnel who are dedicated to solving your plastics processing and microbiological problems.

All our products are made in ISO 9001 certified manufacturing plants around the world and are intended for use in accordance with Product Type 9 (Fiber, leather, rubber and polymerized materials preservatives) of the Biocidal Product Directive 98/8/EC (BPD).

For more information about our products and services, visit our website at **www.rohmhaas.com**

Use biocides safely. Always read the label and product information before use.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Suggestions for use of our products, or the inclusion of descriptive material from patents and the citation of specific patents in this publication, should not be understood as recommending the use of our products in violation of any patents or as permission or license to use any patent of the Rohm and Haas Company.

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