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"Dutch Boy"
BARINAC

Barium Ricinoleate
Heat Stabilizer for Clear
Vinyl Plastics



A PRODUCT DEVELOPMENT
OF NATIONAL LEAD COMPANY



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32

"Dutch Boy" BARINAC

DUTCH BOY BARINAC, barium ricinoleate, is a fine white powder, with excellent stabilizing characteristics in vinyl chloride polymers and copolymers. It provides vinyl stocks with good heat stability and clarity.

Table of Properties

Composition	Barium Ricinoleate
Formula	$\text{Ba}(\text{C}_{18}\text{H}_{33}\text{O}_2)_2$
Molecular Weight	722
Color	White
Form	Fine Powder
Melting Point	362-370°C
Specific Gravity	1.23
Refraction Index	1.51
Solubility	Insoluble in water and all common organic solvents.

Uses

Vinyl Plastics—of Alkylating Compounds: DUTCH BOY BARINAC is primarily a good heat stabilizer for clear vinyl compounds. A liquid at normal processing temperatures, BARINAC is easily dispersed in vinyl monomers during the emulsion operation.

Dispersion Resins: DUTCH BOY BARINAC is an outstanding stabilizer for clear vinyl chloride organosol and plastic compounds. It provides transparent compounds with exceptional resistance to heat induced degradation.

NOTE

The recommendations made above are based on our research and the results of others, and are intended to be guides. The properties of these products are subject to change, however, and the products described are sold under a name which requires no warranty and does not constitute an endorsement. Each user should use care to determine the suitability of each product for their particular purpose. Likewise, customers requesting the products use of these products are not intended to recommend them as the products for replacement of any other.

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"Dutch Boy" BARINAC

DUTCH BOY BARINAC, barium stearate, is a fine white powder, with excellent stabilizing characteristics in vinyl chloride polymers and copolymers. It provides vinyl stocks with good heat stability and clarity.

Table of Properties

Composition	Barium Stearate
Formula	$\text{Ba}(\text{C}_{18}\text{H}_{35}\text{O}_2)_2$
Molecular Weight	722
Color	White
Form	Fine Powder
Melting Point	$162-170^\circ\text{C}$
Specific Gravity	1.23
Relative Index	1.53
Solubility	Insoluble in water and all common organic solvents.

Uses

Vinyl Plastics—Calendering Compounds: DUTCH BOY BARINAC is primarily a good heat stabilizer for clear vinyl compounds. A liquid at normal processing temperatures, BARINAC is easily dispersed in vinyl masses during the calendering operation.

Dispersion Resins: DUTCH BOY BARINAC is an outstanding stabilizer for clear vinyl chloride copolymer and plastic compounds. It provides transparent compounds with exceptional resistance to heat induced degradation.

NOTE

The recommendations made above are based on our research and the results of others, and are believed to be accurate. The quantities of these materials to be used, however, and the methods of use, should be determined by the user, and the results of use should be used to determine the stability of such products for their particular purposes. Likewise, maximum quantities of these products are not intended as recommendations for their use in subsequent to subsequent use.

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