



NAYSHA CHEMICAL INDUSTRIES

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TECHNICAL DATA SHEET

Product Details:-

(1). Name	: Phthalocyanine Blue Alpha
(2). Chemical Class	: Phthalocyanine
(3). Colour Index Name	: Pigment Blue 15:0
(4). Colour Index Number	: 74160
(5). CAS Number	: 147-14-8
(6). CAS No.	: 3520-72-7
(7). Chemical Formula	: $C_{32}H_{16}CuN_8$

Physical Properties:-

(1). Specific Gravity (20°C)	: 1.40
(2). Oil Absorption	: < 45
(3). Sieve Residue (300 Mesh)	: 0.5% Maximum
(4). Moisture Content	: < 1%
(5). Water Soluble	: < 1% Maximum
(6). pH of Aqueous Solution	: 7
(7). Powder Appearance	: Dry Blue Powder

Heat Stability (°C/5 Min) : 200

Toxicological Properties : Non toxic

Fastnes Properties : (1-5 Scale : 1 Poor – 5 Excellent)

Water	: 5	Acetone	: 5
Linseed Oil	: 5	Ethanol	: 5
Butanol	: 5	Methyl Ethyl Ketone	: 5
Xylene	: 5	Mineral Turpentine	: 5
Butyl Acetate	: 5	5% Soap Solution	: 5

Light Fastness : (1-8 Scale : 1 Very Low – 8 Outstanding)

25% Shade : 8

10% Shade : 8

5% Shade : 8

Applications : Paint, Printing Ink, Plastics, Rubber, Soap,
Textile, Cement Colour Etc.

Hazardous Ingredients : None

- Although the data supplied above are believed to be correct, the data are presented without any warranty concerning the suitability, performance or correctness of the product for a particular application or use. Significant variations can occur between test results and results obtained in actual use. We strongly advise that before purchase the buyer test the product in the specific intended application under conditions expected during use.