



NAYSHA CHEMICAL INDUSTRIES

Address: L-79, GIDC Industrial Estate, Near Water Tank,
Opp. Fire Station, Odhav, Ahmedabad-38215,
Gujarat (India).

Phone: (+91)9909929208, (+91)9723527748

Email Id: nayshachemicalindustries@gmail.com

Website: www.naysha.in

TECHNICAL DATA SHEET

Product Details:-

(1). Name	: Phthalocyanine Blue Beta
(2). Chemical Class	: Phthalocyanine
(3). Chemical Type	: Organic
(4). Colour Index Name	: Pigment Blue 15:3
(5). Colour Index Number	: 74160
(6). CAS Number	: 147-14-8
(7). Chemical Formula	: $C_{32}H_{16}C_4N_8$

Physical Properties:-

(1). Specific Gravity (20°C)	: 1.5
(2). Oil Absorption	: 31 CC.
(3). Sieve Residue (300 Mesh)	: 1% Maximum
(4). Moisture Content	: 1% Maximum
(5). Water Soluble	: 1% Maximum
(6). pH of Aqueous Solution	: 7
(7). Powder Appearance	: Dry Blue Powder

Heat Resistance:-

(a). 120oC for 30 minutes	: Stable
(b). 150oC for 20 minutes	: Stable
(c). 200oC for 10 minutes	: Stable

Toxicological Properties

: Non toxic

Fastness 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.