



NAYSHA CHEMICAL INDUSTRIES

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TECHNICAL DATA SHEET

Product Details:-

(1). Chemical Name	: Pigment Red 8(F4R)
(2). Chemical Type	: Organic
(3). Colour Index Name	: Pigment Red 8
(4). Colour Index Number	: 12335
(5). Chemical Class	: Mono Azo Pigment
(6). CAS No.	: 6410-30-6
(7). Chemical Formula	: $C_{24}H_{17}ClN_4O_4$
(8). EINECS	: 229-100-4

Physical Properties:-

(1). Specific Gravity (20°C)	: 1.46
(2). Oil Absorption	: 39 CC
(3). Moisture Content	: 1% Maximum
(4). Water Soluble	: 1% Maximum
(5). pH of Aqueous Solution	: 7
(6). Powder Appearance	: Dry Red Powder

Heat Stability (°C/5 Min)

(1). 120°C for 30 Minutes	: Stable
(2). 150°C for 20 Minutes	: Tends to Darker
(3). 180°C for 10 Minutes	: Darker

Fastnes Properties

		: (1-5 Scale : 1 Poor – 5 Excellent)	
Water	: 4-5	Linseed Oil	: 4-5
Xylene	: 3	Butanol	: 3
Butyl Acetate	: 3	Methyl Ethyl Ketone	: 3
Mineral Turpentine	: 5	5% Soap Solution	: 5
Acetone	: 3		

Light Fastness

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

25% Shade : 6

10% Shade : 5

5% Shade : 4

Applications

: Textile, Ink, Rubber, Plastic, Paint, Coating 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.