

## TECHNICAL SPECIFICATION OF RED : 8

- **PRODUCT :**

- |                        |                                                                        |
|------------------------|------------------------------------------------------------------------|
| (a) NAME               | : Pigment Red F4R                                                      |
| (b) CHEMICAL TYPE      | : Organic                                                              |
| (c) COLOR INDEX NAME   | : Pigment Red : 8                                                      |
| (d) COLOR INDEX NUMBER | : 12335                                                                |
| (e) CHEMECAL CLASS     | : Mono Azo Pigment - If naphthol as rangal without lack forming group. |
| (f) CAS NO.            | : 6410-30-6                                                            |

- **PHYSICAL PROPERTIES :**

- |                              |              |
|------------------------------|--------------|
| (a) SPECIFIC GRAVITY (20' C) | : 1.46       |
| (b) OIL ABSORPTION           | : 39 CC.     |
| (C) STEVE RESIDUE (350 Mesh) | : 1% Maximum |
| (d) MOISTURE CONTENT         | : 1% Maximum |
| (e) WATER SOLUBLE            | : 1% Maximum |
| (f) PH OF EQUQUEOUS Soln     | : 7          |

- **HEAT RESISTANCE :**

- |                               |                   |
|-------------------------------|-------------------|
| (a) 120 Centi. for 30 minutes | : Stable          |
| (b) 150 Centi. for 20 minutes | : Tends to Darker |
| (c) 180 Centi. for 10 minutes | : Darker          |

- **FASTNESS PROPERTIES : ( 1- 5 Scale : 1 Poor - 5 Excellent)**

- |                    |     |                     |       |
|--------------------|-----|---------------------|-------|
| Water              | : 5 | Linseed Oil         | : 4-5 |
| Ethanol            | : 3 | Xylene              | : 3   |
| Butanol            | : 3 | Acetone             | : 3   |
| Butyl Acetate      | : 3 | Methyl Ethyl Ketone | : 3   |
| Mineral Turpentine | : 3 | 5% Soap Soln        | : 5   |

- **LIGHT FASTNESS : ( 1 - 8 Scale : 1 very low - 8 Outstanding)**

25% Shade : 5                                      10% Shade : 4                                      5% Shade : 3

- **APPLICATIONS** : Printing ink, Paints, Textile, Soap & Cement Color.

- **HAZARDOUS INGREDIENTS** : None

- **NOTES :**

↘ This technical information is offered for guidance but without guarantee.