



Loyal Chemical

## HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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### TECHNICAL DATA SHEET

|  |                            |
|--|----------------------------|
| PRODUCT NAME   | LITHOL FAST YELLOW 3R      |
| CHEMICAL NATURE  | ISOINDOLINE                |
| CHEMICAL FORMULAR  | $C_{16}H_9N_5O_6$          |
| COLOR INDEX NAME   | PIGMENT YELLOW 139 (56298) |
| CAS NO.  | 36888-99-0                 |
| STRENGTH   | 100 $\pm$ 2%               |
| <b><u>PHYSICAL PROPERTIES</u></b>  |                            |
| PH AQUEOUS EXTRACT   | 5.0-6.0                    |
| RESIDUE ON SIEVE (100 $\mu$ m)   | $\leq$ 3.0%                |
| WATER SOLUBLE MATTER   | $\leq$ 2.0%                |
| SOLUBLE IN WATER   | INSOLUBLE                  |
| ODOUR  | NONE                       |
| PHYSICAL FORM  | DRY YELLOW POWDER          |
| SPECIFIC GRAVITY   | 1.74g/cm <sup>3</sup>      |
| OIL ABSORPTION   | $\leq$ 45g/100g            |
| VOLATILE AT 105 $^{\circ}$ C   | $<$ 3.0%                   |
| <b><u>FASTNESS PROPERTIES</u></b>  |                            |
| LIGHT FASTNESS   | 8                          |
| HEAT FASTNESS  | 200 $^{\circ}$ C           |
| WATER RESISTANCE   | 5                          |
| OIL RESISTANCE   | 5                          |
| ACID RESISTANCE  | 5                          |
| ALKALI RESISTANCE  | 5                          |
| <b><u>TECHNICAL PROPERTIES</u></b>   |                            |
| <b>Reddish shade, high glossy, high tinting strength.</b>  |                            |
| <b><u>APPLICATION</u></b>  |                            |
| <b>It's mainly used for industrial paint, powder coating,<br/>Suggested for paint, coil coating, water-based ink and textile printing.</b>       |                            |
| <b><u>NOTE</u></b>   |                            |
| The above information is provided as guidelines for your reference only. The accurate effects should be based on the test results in laboratory. |                            |