



# TECHNICAL DATA SHEET

## KLD-RED-02

### Product Description :

**KLD-RED-02** is a cationic red dye, this dye enables papermakers to enhance-virtually any type of paper and board. This cationic dye allows papermakers to achieve brilliant shades of color. While medium and deep brilliant shades of paper dyes, they are ideally suited for tissue and wood-containing papers and for coloring waste-based packaging grades. Is a product line designed and manufactured, especially for paper coloration at various points. Liquid dyes can be used in virtually all papermaking areas due to their physical form, ease of handling and suitability in systems with online color control. Excellent purity is required to ensure the stability. No sedimentation, precipitation or corrosion should take place which happens because of salt present in any form. This helps the product to possess excellent Shelf Life.

### Properties:

Physical Appearance	: Greenish Lustrous Liquid.
Viscosity(20°C)	: < = 100 mPa.s
Solubility	: Soluble In Water.
Insolubles	: Less Than 0.5%
pH	: 3.00 – 5.00
Ionic Nature	: Cationic.
Stability	: Stable.

### Application:

- **KLD-RED-02** can be diluted with water in any proportion. However, the Stability of the solution depends on the quality of the water used.
- Ideally, DM water should be used for dilution, in practice condensate or mains water with low hardness can be used. Solution stability should always be tested with the local water quality before commitment.
- It's a true solution, ideally suited for continuous addition to the stock without previous dilution, care should be taken to select addition points with good agitation to avoid the danger of mottling.

### Fastness Properties:

BACK WATER COLORATION	WATER FASTNESS	ALCOHOL FASTNESS	ACID FASTNESS	ALKALI FASTNESS	LIGHT FASTNESS
3-4	3-4	3	3-4	3	1-2



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### Storage & Handling:

- Keep closure tight and the container upright to prevent leakage. Open the container slowly. Do not get in eyes. Avoid skin contact and contact with clothing. Do not take it internally.
- Store and use in cool, dry, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat or open flame.

### Packing:

1100 KGS IBC.

### Disclaimer:

The suggestion & data in this publication is currently believed to be accurate. We do not guarantee its accuracy as the conditions & methods of the use of our products are beyond our control. Purchasers should always make their own determination of its suitability and completeness for a particular use, for the protection of the environment & for the health and safety of employees.