



# TECHNICAL DATA SHEET

## KLD-VIOLET-01

- KLD-VIOLET-01** is a dark green lustrous liquid dye. The superior quality in solubility and shading can always meet the requirement of users.
- KLD-VIOLET-01** is a product line designed and manufactured specially for paper coloration at various points. Liquid dyes can be used in virtually all areas of paper making 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.
- Cationic chromophore  
High substantivity & color yield on bleached pulp.  
It offers sufficient light fastness & good water fastness.  
It's a true solution with low viscosity

### Physical Properties:

Physical Appearance	:	Dark Green lustrous Liquid
Solubility	:	Soluble In Water
Viscosity (20 °C)	:	< = 100 mpa.s
Insolubles	:	Less Than 0.5%
PH	:	2.0 – 4.5
Stability	:	Stable

### Advantages:

**KLD-VIOLET-01** 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. In typical use pre dilution is not necessary and we recommend to add the product as received wherever possible. High-temperature resistance is above 100°C, not fading; good coloring power.

### Fastness Properties:

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



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### Storage & Handling:

Keep closure tight and container upright to prevent leakage. Open container slowly. Do not get in eyes. Avoid skin contact and contact with clothing. Do not take internally.

Conditions for safe storage, including any incompatibilities: 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.