# RADHALGIN

PROPRERTIS

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| Appearance | Brownish Yellow Powder |
| Solubility | Swells in water |
| pH | 6 -7 (1% Solution) |
| Shelf Life | 5 Months |

APPLICATIONS

RADHALGIN is offered as a substitute of Sodium Alginate in printing with Reactive dyestuffs.

The stock paste is prepared by slowly sprinkling under rapid stirring, RADHALGIN onto hot water (80° to 90° C) containing Sodium Hexameta Phosphate till a homogenous mass is obtained.

Suggested recipe for stock thickening is as follows:

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| Radhalgin | 25 gms |
| Sodium Hexameta Phosphate | 15 gms |
| Regis Salt | 15 gms |
| Hot Water (80° to 90° C) | 945 gms |
| | 1000 gms |

It is advisable to add Regis Salt last and to keep the stock paste overnight to facilitate proper swelling.

RECOMMENDATIONS:

Following recipe is recommended as a guideline for printing with reactive dyestuffs:

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|---|---|
| Reactive dyestuff | X Parts |
| Hot Water | 30 Parts |
| Urea | 5 to 10 Parts |
| Stock paste of RADHALGIN | 55 Parts |
| Sodium Bicarbonate | Y Parts |
| Water or stock paste | Z Parts |
| | 100 Parts |

Normally reactive dyestuff is dissolved in near boiling water and then cooled.
Urea is added and the solution is stirred into the stock paste.
Thereafter Sodium Bicarbonate is added.
The paste is then up to 100 Parts by adding water or thickening to obtain the required viscosity for printing.

Print dry and steam for 5 to 7 minutes in continuous steamer or 12 to 15 minutes in Star ager, wash and soap with natural Detergent and dry.

In case half emulsion technique is adopted wit Kerosene emulsion.

PACKING:

25 kegs. Polyethylene lined hessian bag.