

## Humectant GRB4

A low VOC and sVOC Humectant

Humectant GRB4 is a low VOC humectant which improves tip drying, open time and redispersibility of agglomerates in water-based pigment pastes, coatings and inks. It offers a much lower VOC and sVOC alternative to traditional glycols. It can improve freeze/thaw stability of coatings, as well as improving color strength of dispersions.

### FEATURES AND BENEFITS

- Contains Bio-Based Content
- Humectant
- Open Time
- Re-dispersibility

### CHARACTERISTICS

Characteristic Name	Value
Appearance	Pale to straw coloured liquid
Density (g/ml)	Approx 1.2
Gardner Color	4 max
Incorporation Recommendations	A maximum dosage of 5% in the final coating is recommended so as not to affect the water resistance of the coating. Dosages for colorant and pigment dispersion applications should be adjusted with this recommendation in mind.
Solids (wt %)	80%
Storage & Handling	During prolonged low temperature storage, some crystallization may occur within the Humectant. This should not affect the product performance and gentle warming with agitation should cause it to become homogenous again.
VOC (ASTM D6886; Texanol)	<1g/L
VOC (EPA Method 24)	<1g/L
VOC (ISO 11890-2)	<1g/L

## APPLICATIONS

- Building & Construction Coatings
- Transportation Coatings
- Particle Dispersions

## AVAILABLE REGIONS

- Asia Pacific
- EMEA
- Latin America
- North America

## RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 365 days. See SDS for storage conditions and handling instructions.

## REGULATORY STATUS

Please see the product's current material safety data sheet, SDS, for regulatory information. You can request an SDS at [www.lubrizol.com/coatings](http://www.lubrizol.com/coatings).

Should you have questions on additional topics, please feel free to contact your Lubrizol representative or one of our regional Customer Assistance groups listed here:

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