

# HUMECTANT GRB5

Humectant which improves open time and re-dispersibility of pigment pastes in water-based applications

PERFORMANCE COATINGS

## PRODUCT DESCRIPTION

Humectant GRB5 is a 100% active humectant designed to improve the tip drying, open time and re-dispersibility of agglomerates in aqueous pigment pastes, coatings and inks.

## FEATURES/BENEFITS

In the applications below, the following benefits are achieved:

- Offers a much lower VOC and sVOC alternative to glycols traditionally used as humectants.
- Offers improved humectancy over propylene glycol and therefore can be used at lower dosage levels
- Improved open time and freeze thaw stability.
- Improved color strength and compatibility of dispersions.
- Improved tip drying properties to prevent pigment caking, and eases redispersion of agglomerates.
- Can be used as a humectant (during dispersion) or as a coalescent (during letdown)
- Humectant GRB5 is suitable for use in eco-label paints and colorants.

## PHYSICAL CHARACTERISTICS\*

Appearance	Pale to straw colored liquid
Density (g/cm <sup>3</sup> )	Approx. 1.14
pH	Approx. 7

\* Property values represent typical results only and are not to be considered specifications.

## TYPICAL APPLICATIONS

- Universal Colorants
- Water-based General Industrial Colorants
- Water-based Paints & Inks

Humectant GRB5 can be added in either the dispersion or letdown stage. 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.

## RECOMMENDED RETEST DATE (RRD) / STORAGE

Recommended Retest Date (RRD): 1 Year, refers to storage in unopened original packaging between +5 and +35°C.

During prolonged low temperature storage or transportation, some crystallization or turbidity may occur within the Humectant. This should not affect the product performance and gentle warming to 25 - 35°C with agitation should cause it to become homogenous again.

Humectant GRB5 is packed in pails, drums and IBC's.

## REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information.

You can request SDS at [www.lubrizolcoatings.com](http://www.lubrizolcoatings.com).

A review of the product has been conducted in accordance with the criteria laid out in the EU Ecolabel for Indoor and Outdoor Paints and Varnishes (2014/312/EC). This review is available on request.

For technical information please visit [www.solsperse.com](http://www.solsperse.com)

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