

Humectant GRB5

A low VOC Humectant.

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. It offers a lower VOC and sVOC alternative to glycols traditionally used as humectants. It can improve freeze/thaw stability, as well as color strength and compatibility of dispersions. Humectant GRB5 is suitable for use in eco-label paints and colorants.

FEATURES AND BENEFITS

- Humectant
- Open Time

CHARACTERISTICS

Characteristic Name	Value
Appearance	Pale to straw coloured liquid
Density (g/ml)	Approx. 1.14
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.
pH Value	Approx. 7
Solids (wt %)	100
Storage & Handling	During prolonged low temperature storage or transportation, some crystallization or turbidity may occur. This should not affect the product performance, and gentle warming to 25-35°C with agitation should cause it to become homogenous again.

REGULATORY

- APEO-Free¹
- Ultra Low VOC⁵

¹Not intentionally added to the composition of this product

⁵Suitable for coating formulations where less than 50 g/l VOC (US EPA Method 24) or 25 g/l VOC (ISO 11890-1, Method 2) is desired based on calculations.

APPLICATIONS

- Building & Construction Coatings
- Transportation Coatings

AVAILABLE REGIONS

- Asia Pacific
- EMEAI
- Latin America
- North America

RECOMMENDED STORAGE AND RE-TEST DATE

Lubrizol recommends retesting quality after 730 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.

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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