

R&R 551[®]

Product Code: 700551

Archer Daniels Midland Co.

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Description

R&R 551[®] is a non-edible emulsifier blend, which is highly water dispersible and designed specifically for use in water-based paints. It has excellent wetting and suspending properties. Additional utility has been found in non-food products requiring superior emulsification.

Applications

R&R 551[®] is applicable for use in latex and resin emulsion paints. The product stabilizes and thickens paints giving long-lasting, smooth, creamy consistency and maximum stability. Its presence helps paint to accept pigment when mixing and allows paint to level without brush marks. R&R 551[®] has no effect on paint washability or durability. The product has also found utility in applications involving emulsification of agrochemicals, oil well drilling fluids, industrial aqueous release agents and more.

Storage

Storage temperatures should be between 50-95°F (10-35°C). Exposure to freezing or near-freezing temperatures may promote separation of oil from the phospholipids. Separated product may be remixed under heat and agitation without loss of functionality. Avoid excessive exposure to light and moisture. Shelf life is a minimum of 18 months when stored unopened in the original packaging.

Packaging & Packaging Code

205 kg drum	700551- EL
Bulk tank wagons or railcars	700551- 00

Regulatory Information

R&R 551 is a non-edible emulsifier blend use exclusively in non-food applications.

Standard Specifications

Method

Acetone Insolubles, % min	55.00	AOCS Ja 4-46
Acid Value, mg KOH/g, max	28.00	AOCS Ja 6-55
Moisture, % max	1.00	AOCS Ja 2b-87
Color (Gardner, as is), max	15.00	AOCS Ja 9-87
Hexane Insolubles, % max	0.10	AOCS Ja 3-87
Viscosity(Stokes @ 77°), max	85	AOCS Ja 11-87
Effective HLB, approx.	12.5	

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Appearance

Opaque liquid



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