



# POWERBLOX™ D-205/D-305/D-518 Dispersants

## Unlock the Power of Your Formulation

POWERBLOX™ D Series Polycarboxylate Dispersants are designed for application in pesticide suspension formulations, providing excellent dispersing performance to enable formulation stability and long-lasting suspension property

### Advantages

High molecular weight and specific steric effect enable the following benefits:

- Powerful dispersing performance, especially in high active ingredient loading formulation
- Excellent formulation stability and particle size stability after aging in different temperatures
- Good suspensibility; easy and homogeneous dispersion upon dilution

### D-205

- Modified acrylate terpolymer with a unique molecular structure: can efficiently disperse a variety of pesticide particles and ensure stability of the product in storage
- High charge density enables high grinding efficiency
- pH value adjusted according to need, can be applied broadly to system with different pH values

### D-305

- Comb-type polyacrylate dispersant: aids the dispersion of active ingredients and the stability of the product in storage
- Low viscosity, easy to process and handle

### D-518

- Free-flowing dry powder appearance, easily applied in both liquid and solid formulations
- Outstanding advantages in high-content WG applications
- White color, ensuring ideal appearance of the final product

### Suitable Applications

POWERBLOX™ D-205 and D-305 Dispersants are suitable for various pesticide formulations, including Water Dispersible Granule (WDG), Wetttable Powder (WP), Suspension Concentrate (SC), Emulsion-in-Water (EW), and Microemulsion (ME).

POWERBLOX D-518 is suitable for various pesticide formulations, including WP, WDG, and SC.

### Availability

POWERBLOX™ D Series Polycarbonate Dispersants are available in Asia Pacific.

### Contact Us:

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### Physical Properties\*

	POWERBLOX™ D-205	POWERBLOX™ D-305	POWERBLOX™ D-518
Appearance	Clear to slight hazy solution	Pale yellow to clear liquid	Pale yellow to white dry powder
Total Solids	43.5%	25%	93%
Density	1.2 g/ml	1.1 g/ml	0.65
pH @ 25 °C	2.5 (as is)	10.4 (as is)	9.5-10.5 (10% aqueous solution)

\*Typical values not to be construed as specifications

### Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

### Customer Notice

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