



# MAGRABAR® PD-3500

## TECHNICAL INFORMATION

<b>Appearance:</b>	liquid
<b>Color:</b>	yellow, opaque
<b>Typical Properties:</b>	
	Specific Gravity at 25°C: 0.93
	Density (lbs/US Gallons): 7.8
	Viscosity at 25°C: 350 – 700 cPs
	Solubility in Water: Dispersible

*This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product. For specifications please consult the Certificate of Analysis.*

**Properties/applications:** MAGRABAR PD-3500 is a 100% active, vegetable oil based, food grade defoamer. It is non-ionic and free of preservatives. PD-3500 is designed to eliminate foam in protein and carbohydrate media. It is suitable for use in soybean, potato, dairy and other food processing applications.

PD-3500 contains edible vegetable oil, vegetable based emulsifiers and hydrophobic silica. All of the ingredients used in the manufacture of PD-3500 are either GRAS or are listed in the Code of Federal Regulations: Title 21, Section 173.340. It is suitable for addition to food with no limitations other than Good Manufacturing Practices.

PD-3500 will effectively control foam in soy and other protein based processes. It performs in a wide range of pH and has excellent foam hold down properties and carry through to downstream processes.

**Storage/handling:** The shelf life of PD-3500 is one year for material stored in original, unopened containers. The product is a dispersion of silicon dioxide in vegetable oil that will normally show some settling during storage. Agitation will reconstitute the product.

PD-3500 is temperature sensitive. This product must be protected from freezing during transportation and storage.

As with any vegetable oil based product, PD-3500 may oxidize on storage potentially leading to the development of off flavors or odors. Storing the product sealed, in a cool location and protected from light will help retard oxidation.

**Packaging:** 5 gallon Pail holding 40 lbs / 18 kg net  
55 gallon Drum holding 430 lbs/ 195 kg net  
330 gallon Tote holding 2,500 lbs/1,134 kg net and bulk quantities

*Our products are allergen free, free from animal derived ingredients and certified Kosher Pareve and Halal.*

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.

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