



MAGRABAR[®] MD-4438

TECHNICAL INFORMATION

Appearance:	powder
Color:	-white or light yellow
Typical Properties:	Bulk Density - Loose: 0.58 g/cc 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 MD-4438 is a dry antifoam that's certified organic by QAI. It is effective in carbohydrate and protein process streams where it can provide antifoaming action or used to prevent boil-over in microwave cooked foods. The recommended starting dosage for MD-4438 will vary with the application. MD-4438 is formulated with organic maltodextrin, organic corn starch, organic vegetable oil and organic wax along with emulsifiers and silicon dioxide. There is no practical limitation on its use other than good manufacturing practices. The product is certified by QAI to meet the requirements of the USDA National Organic Program in 7 CFR Part 205. MD-4438 meets the requirements of the non-GMO Project. It is also formulated to be allergen-free under the Food Allergen Labeling and Consumer Protection Act.
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MD-4438 is certified Kosher Pareve and Halal.

Storage/handling:	The shelf-life of MD-4438 is 9 months when stored unopened, in the original container, in a cool, dry location. MD-4438 is prepared from organic vegetable oil granulated with organic carriers (maltodextrin and corn starch). Since the oil is granulated on a powdered substrate, the area is much larger than comparable liquid antifoams and care must be taken to protect the product. MD-4438 may oxidize over time and contact with air, heat, and light. The product should be stored sealed in opaque containers in a cool, dry location. Refrigeration will slow oxidation but care must be used to prevent condensation of water vapor in the product. MD-4438 that is past the shelf-life may show oxidation of the vegetable oil component. The organoleptic properties should be evaluated to determine if off odors or flavors have developed from oxidation.
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Packaging:	13 Gallon Fiberboard 40 lbs/18 kg net 55 Gallon Fiberboard 200 lbs/91 kg net
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Our products are allergen free, free from animal derived ingredients and certified Kosher Pareve and Halal.