



Particle Processing | Delivery Technologies | Dose Manufacturing

**PRODUCT DATA SHEET**

# DESTAB™ MAGNESIUM CARBONATE 90

**Product Code: 9-4748S**

**PRODUCT DESCRIPTION**

DESTAB™ Magnesium Carbonate 90 is a white to off-white, free flowing, directly compressible powder manufactured to contain 90% Magnesium Carbonate, Ph. Eur., and 9% Pregelatinized Corn Starch, NF/Ph. Eur.. Destab™ Magnesium Carbonate 90 was developed for tablet and capsule applications where improved tableting and flow characteristics are desired.

| PARAMETERS                      | SPECIFICATIONS                         |
|---------------------------------|--|
| Basic Magnesium Carbonate       | Report                                 |
| Magnesium Carbonate (Anhydrous) | 745-855 mg/g                           |
| Calcium                         | NMT 0.45%                              |
| Starch Identification           | Positive                               |
| Identification                  | Positive for Magnesium                 |
| Appearance                      | White to Off-White Free Flowing Powder |
| Particle Size:                  |  |
| #40 U.S. Std. Sieve             | NMT 15% On                             |
| #100 U.S. Std. Sieve            | Report                                 |
| #200 U.S. Std. Sieve            | NMT 36% Through                        |
| Moisture (LOD)                  | NMT 3%                                 |
| Bulk Density (tapped)           | 0.4-0.6 g/cc                           |
| Total Microbial Count           | NMT 1000 cfu/g                         |
| Mold Count                      | NMT 100 cfu/g                          |
| E. Coli                         | Negative                               |
| Salmonella                      | Negative                               |
| Description                     | White to off-white free flowing powder |

**STABILITY**

Destab™ Magnesium Carbonate 90 is physically and chemically stable when stored in tightly closed containers in a dry location.

**Packaged in 90 kg fiber board drums with steel locking rims with a polyethylene liner**

This Product Data Sheet has been compiled from information believed to be accurate and reliable. However, Particle Dynamics MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, EITHER WITH TO THE INFORMATION PROVIDED OR THE PRODUCT DESCRIBED, (INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE), and same should not be deemed or relied upon as a substitute for testing of the product herein described by purchaser or of any product into which it is incorporated.

This Product Data Sheet does not represent an offer or agreement by Particle Dynamics to sell the product herein described. Any such offer or agreement will be subject to Particle Dynamics' standard terms and conditions which will be made available upon request.