

## **The Addition of Oil to Dry Powder Blends**

The addition of oil to dry powder blends offers the following advantages:

1. Creates higher bulk density, providing greater packaging efficiency (more weight per box).
2. The product is less dusty – a safety factor that reduces product exposure if a bag breaks and after the package has been ruptured during processing.
3. More rapid and consistent dispersion throughout the product due to prewetted ingredients.
4. Better heat seals on preweighed bags.
5. Improved shelf life of moisture sensitive raw materials such as magnesium oxide.
6. Reduced tendency to stratify in non-preweighed applications.
7. Promotes positive eutectic reactions.
8. Actual factory experience proves that the amount of some preweighed, dust suppressed blends can be reduced by 5 to 10% because the dispersions incorporate more efficiently than the original dry powder ingredients.