

# MAG<sup>®</sup>

## Total Dust Control

**MAG<sup>®</sup>** environmentally friendly and economical dust control

Dust is a health hazard. Dust causes respiratory disease, crop damage, vehicle wear and tear, and can cause the loss of the surface or footing itself. Dust control of surfaces is crucial to maintaining the safety, utility and integrity of roads, parking lots, construction sites, landfills, riding arenas, and quarries.

Dead Sea Works Ltd. offers a total dust control solution: MAG<sup>®</sup>  
It is cost-efficient, fast, environmentally friendly and highly effective.



### **MAG<sup>®</sup>** the best choice for arena base stabilization

MAG<sup>®</sup> is a hygroscopic, deliquescent compound that attracts moisture from the air and resists evaporation. MAG<sup>®</sup> binds fine dust particles to keep roads stabilized, to slow the loss of aggregate, and to reduce the need for costly regrading. MAG<sup>®</sup> assists in making surfaces damp which holds down dust, reduces erosion, and helps prevent surfaces from becoming uneven or developing potholes.

### **MAG<sup>®</sup>** delivering an outstanding dust control solution

Many road maintenance and surface restoration professionals are switching to MAG<sup>®</sup> to help achieve aggregate stability. MAG<sup>®</sup> easily dissolves in just minutes in most climatic conditions. Depending on traffic and weather, a single application of MAG<sup>®</sup> can last from a few weeks to several months and sometimes just one application per year is enough. MAG<sup>®</sup> also has a cumulative effect – as each new application is made, the longer it will last.

### **MAG<sup>®</sup>** - safer and environmentally friendly

The active ingredient of MAG<sup>®</sup> is magnesium chloride, a compound used in a range of products including animal feeds and fertilizers. MAG<sup>®</sup> is less toxic than baking soda and is almost three times less toxic than salt. Because MAG<sup>®</sup> contains lower chloride levels than other salts, chloride runoff into the environment is greatly reduced. Since MAG<sup>®</sup> is not exothermic, workers who handle MAG<sup>®</sup> will not feel the burning often encountered with the use of other dust control products. In fact, many people travel to the Dead Sea to experience the skin soothing properties of Magnesium Chloride. MAG<sup>®</sup> is safer to use around vegetation, pets and farm animals, and does not leave any unsightly residue that can be tracked indoors.



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### MAG<sup>®</sup> - the ideal choice for conditioning recreational surfaces

In addition to unpaved road surfaces, MAG<sup>®</sup> is ideal for surfaces that require dampness. The quick dissolving properties of MAG<sup>®</sup> mean that treated areas can be put into service as soon as one hour after conditioning. Clay bearing materials in particular can benefit from MAG<sup>®</sup>, providing long-term moisture control and allowing surfaces to stay damp for longer periods. MAG<sup>®</sup> is also safer to use around the landscaped areas and for pets and horses at riding facilities, and will not irritate hooves, paws, or skin.



### MAG<sup>®</sup> - easy to use

MAG<sup>®</sup> comes in either flake or pellet form and is packaged in easy-to-handle 50 lb bags as well as metric ton supersacks for larger applications. MAG<sup>®</sup> can be easily applied by hand or with various types of spreaders and unlike other dust control agents, MAG<sup>®</sup> typically requires no prewetting of the surface to be treated.

### MAG<sup>®</sup> - how to apply.

**On unpaved roads, construction sites and riding arenas:**  
MAG<sup>®</sup> should be applied on the basis of up to 1.5 lb/sq. yard, and reapplied at 50% of this rate when the surface appears dry. All surfaces should be graded prior to MAG<sup>®</sup> application.

**On o lplp i 'tqcf u**  
MAG<sup>®</sup> should be applied on the basis of up to 2.5 lb/sq. yard, and reapplied at 50% of this rate when the surface appears dry.



For more innovative ways to manage your dust control projects, contact your local MAG<sup>®</sup> distributor.



## DEICING DEPOT

Your specialist for De-Icing chemicals and equipment  
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FROM NATURE TO NATURE. IN PERFECT HARMONY