

## **Product Information Bulletin** **2008** **Centrox™-DS (Economical Dust Control and Soil Stabilization System)**

### **◆ Dust Suppression**

### **◆ Soil Stabilization**

Dust management is a critically important aspect in road safety. It is also important in terms of environmental and health issues.

Sending out a water truck to spray the road is certainly an option and will solve the problem, albeit for a short time but it is probably not the best solution. Truck rolls are expensive and water is often a scarce commodity.

Adding chemicals to the water prior to spraying has been found to significantly increase the interval between sprays. The chemicals coat and consolidate the dust particles to provide a solid surface for traffic. Using any chemicals however introduces environmental and ecological issues. Chemically modified water will run off from the sprayed road and this will impact on the adjacent vegetation and could cause problems if there is any chemical imbalance. Low cost salts such as calcium and magnesium chlorides have been used for dust control however these chemicals, in relatively high volume, can be harmful to some plant and animal life and can contribute to excessive metallic corrosion.

### **DESCRIPTION**

Centrox™ DS is produced from Molassperse CA and as it is based on a natural organic compound it proves an ideal product for dust suppression.

Being effective at the low concentrations required for dust suppression and for soil stabilization it provides a cost effective and environmentally friendly solution.

### **Solution Mixing Ratio**

For use as a dust suppressant:

20 lt of Centrox™ DS to 100 lt of water.

Application rate: 1.5 litres per m<sup>2</sup>.

### **For use in soil stabilization:**

40 lt of Centrox™ DS to 100 lt of water.

Application rate: 1.5 litres per m<sup>2</sup>.

### **Note:**

As a dust suppressant the solution mixing ratio is recommended for the first application. For subsequent applications this ratio may be reduced.