

**To: All Regional Directors
All Headquarters Directors
All Regional Managers
All District Highways Managers
V.I.H.P. Management Team**

**Technical Circular T5/94
April 20, 1994**

SUBJECT: Dust Abatement Chemicals

SCOPE: This policy covers all types of Dust Abatement/Bed Stabilization Chemicals approved for use by Ministry Personnel and Maintenance Contractors.

POLICY: The Ministry endorses the use of Magnesium Chloride, Calcium Chloride, Calcium Lignosulphonate, and Sodium Lignosulphonate for general use. Under certain environmental conditions, only Calcium Lignosulphonate or Sodium Lignosulphonate may be used. Petroleum emulsions and products containing tall oil pitch emulsions are not approved for dust abatement/bed stabilization purposes at this time by Ministry personnel or Maintenance Contractors.

PROCEDURES and GUIDELINES: Please refer to the most current copy of the *Maintenance Guidelines for Dust Palliative Application and Gravel Road Surface Stabilization* by the Ministry of Transportation and Highways. The decision to endorse the above chemicals was made by the Ministry upon reviewing the results of the *1991 Dust Abatement Test Program*. The chemicals were evaluated on the basis of effectiveness, further maintenance, and environmental effects.

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