

# GRT: Haul-Loc Technical Data Sheet



## Lock Down Dust on Haul Roads!

**GRT: Haul-Loc** is a specially formulated liquid polymer added to watering trucks used to improve the efficiency of watering for dust suppression by as much as 500%. This leads to more efficient use of water trucks on site, effective dust control, and the avoidance of risks associated with overwatering – so both your budget and safety onsite benefit!

### Application:

#### General:

- **GRT: Haul-Loc** can be applied using any water truck, however avoid gravity-feed dribble bars.
- Product is most effectively added by injecting or adding into a flowing water stream, or slowly added into agitated water.
- GRT has a range of dosing pumps available from basic hand pumps to automated dosing systems.

#### Product Establishment:

1. If the road surface is highly compacted, tight, and resistant to water ingress, GRT recommends that the top 25 to 50mm of the road surface be loosened by tine or blade to allow moisture ingress.
2. We also recommend the addition of GRT: ACTIVATE into the first load at a concentration of 1:2,000 to aid penetration (GRT: ACTIVATE has a residual benefit of 2 to 3 weeks).
3. First 2 days: Dose the product at 1:5000.
4. Next 3 days: Dose the product at 1:7500 for the next 2 days of application.
5. Following applications: dose the product at 1:10,000. Once established, you may be able to reduce the dosage to as low as 1:20,000.

#### Standard Operational Use:

1. Typical dose rates range from 1:10,000 to 1:20,000 of product to water and applied at up to 0.5L/m<sup>2</sup>,
2. The dose rate and number of applications will vary across a site, depending on; traffic volumes, and weather (temperature and wind speed).
3. Frequency of applications should be just before dust levels begin to generate, and not necessarily when the road looks dry.
4. Note: For dust control on stockpiles and open areas, increase the dosage to the range of 1:500 to 1:1000 to achieve a long lasting crust on the surface of the treated material.

### Handling & Storage

- No special handling measures are necessary however GRT recommends the use of a manual or automated dosing system (GRT can provide assistance with these). Care should be taken to avoid moisture coming into contact with GRT: Haul-Loc other than when mixed in your water truck. Ensure lids are on containers and utilise non-return valves in your dosing systems.
- Standard construction or mine site PPE (eye protection and chemical gloves) are sufficient for handling product. Hands may become slippery on contact - wash hands with soap and water.
- When storing material, freezing will affect the physical condition but will not damage the materials. If frozen, thaw out slowly and stir well before use. Store in unopened original containers in a cool and dry place. Avoid wet, damp or humid conditions, temperature extremes and ignition sources. Avoid extreme heat. Store between 0°C - 40°C. Spilled pure product is slippery underfoot, and very slippery when wet.

## KEY BENEFITS

- **Achieve dust suppression without overwatering!**  
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- **Easy application** through existing water trucks - just add water  
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- **Robust product characteristics** allow it to be applied across a diverse range of industries  
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- **Immediate cost benefits** compared to water alone  
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- **Long-term cost benefits** from reduced wind borne material loss  
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- **Improved health and safety on site** - better visibility and reduced dust related respiratory risks  
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- **Environmental protection** - GRT: Haul-Loc is non-toxic, has a low carbon footprint and reduces the damage caused by fugitive dust.  
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## Quality Assured

GRT's quality management system is certified to ISO 9001 standards, and our products are approved and used by Industry leading companies, worldwide.



New Zealand



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