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To whom it may concern:

IB deicing blends manufacturer Millennium Roads, LLC.

The blend most predominately used in the Northeast for treating rock salt is IB 30/70. That consists of 30% lignin liquor and 70% calcium chloride. Lignin liquor is derived from trees and comes from the US Forestry Industry. IB 30/70 has a corrosion factor of 11.7 (distilled water has a corrosion factor of 10). Lignin liquor contains billions of microscopic particles of cellulose. These cellulose particles inherent in lignin act like billions of microscopic sponges that hold the chlorides on the road longer giving you a long lasting residual effect thereby reducing the frequency and costs of reapplying treated salt.

Another cost savings is realized by the reduced bounce and scatter by applying a pretreated salt.

IB 30/70 is more viscous than all current competitive blends available thus allowing better coating of the salt. Because of the better coating and residual benefits inherent in IB 30/70, there is testimonial evidence from highway superintendants in the states of New York, Massachusetts, Vermont, and New Hampshire that IB treated salt does not clump or crust while in a stockpile. This was personally witnessed by me at a local highway where the IB treated rock salt in the back corners of the salt shed had been there for the past 4 years undisturbed. The IB treated salt was still moist and sifted through your fingers with not a single lump in it.

I hope this explains in more detail the added benefit of using IB treated rock salt.

Sincerely

Jeffrey Johnson, Senior Partner
Millennium Roads, LLC.