

EPIC DS

<p>What is EPIC DS made of? Is it a byproduct from processing something?</p>	<p>While the exact formulation of EPIC DS is proprietary, we can tell you it is a see oil based product, and all of its components are readily biodegradable.</p> <p>It is not a by-product of another operation; it is a formulated product that we manufacture.</p>
<p>With EPIC DS being readily biodegradable would that not mean it would break down eventually?</p>	<p>All dust suppressants will eventually break down. Once EPIC DS penetrates below the surface, the sun and oxygen do not easily reach it to allow biodegradation. The limited access of sunlight and oxygen dramatically slow the degradation process and help to extend product life and maintain effectiveness over a longer period.</p>
<p>Would EPIC DS survive the winter and have any residual effect?</p>	<p>We have applications in very cold and snowy regions that were treated during harvest season in the fall and still show effectiveness in the spring. We have also seen in many applications that routine blading and reshaping the road is not needed near as often because EPIC DS will firm and hold the road together. Chlorides always keep the road surface damp or wet and this drives the fines to the surface creating wash boarding.</p>
<p>How does EPIC DS compare to Calcium Chloride? And how often will I have to rewet the treated surface?</p>	<p>EPIC DS is far better than chlorides as it is not toxic or corrosive. Additionally, there is no need to rewet your treated surface like you do when the calcium chloride dries out.</p> <p>Chlorides tend to keep the road surface damp or wet and this drives the fines to the surface creating wash boarding to the road surface and tracking on vehicles' undercarriage.</p>
<p>What is the best way to apply EPIC DS?</p>	<p>EPIC DS is similar in consistency to whole milk, and therefore, can be sprayed using many different types of application equipment. A pressurized spray bar capable of metering the amount of product being applied is ideal.</p> <p>It is applied as an emulsion (mixed with water). The water enables EPIC DS to penetrate the surface and then as the water evaporates, it leaves behind a robust surface that can withstand traffic loads.</p>
<p>How to I achieve best results with EPIC DS?</p>	<p>For best results, EPIC DS should be sprayed on the surface with a pressurized bar set at a minimum of 12 inches but no more than 18 inches from said surface. The nozzles should produce a fan pattern and overlap. Applied at roughly ½ gallon per square yard.</p> <p>It is also most effective when applied in multiple passes. 2- 3 passes separated by about 15 minutes would be sufficient to allow the product to penetrate the surface – totalling ½ gallon per square yard.</p>
<p>How often do I need to rewet the surface once I have applied EPIC DS?</p>	<p>As stated earlier, you DO NOT need to rewet a surface that has been treated with EPIC DS.</p>
<p>If there is no need to rewet the product,</p>	<p>EPIC DS and other dust suppressants like Magnesium or Calcium Chloride are totally different technologies. Chlorides absorb the moisture from the air to keep the surface of the</p>

how does it stay active?	road damp or wet. EPIC DS works by agglomerating and uniting the materials to pack and firm up the road materials not allowing them to become airborne.
Does pH of the water or if the water is hard make a difference? We have access to wells all over where we apply but each well is a little different.	We have not seen a difference and we have applied EPIC DS throughout North America.
How do I determine how much EPIC DS I will need for my application?	The application volume is based on quantity of product per square yard. As a rule, approximately 0.4-0.5 gallons of EPIC DS per square yard.
How do I properly mix EPIC DS with water?	It is typically mixed 3 parts water and 1 part oil and readily emulsifies. It is best mixed in the tank of the truck that will be doing the application. Add the concentrate to the tank, top up with the water and the product will emulsify. The use of a recirculation pump is ideal.
Is Mixing/Agitation of EPIC DS required?	Yes. EPIC DS is shipped in a concentrate form which is mixed with 100% water to form a water emulsion to be applied. General remixing may be required if water emulsion sits for 24-48 hours before use.
With in-truck mixing, does driving around agitate it enough or does it need to be agitated at all?	Ideally recirculating the tank is always best. Overall, depending on how long prior it was mixed, if it has been more than 2-3 days recirculation would definitely be required. If it has been about 24, but no more than 48 hours, “stop sign” mixing should mix it up adequately.
What are the ideal weather conditions to apply EPIC DS?	Warm, sunny, low humidity days are ideal for quick curing time of this product.
How long does it take to absorb before you can drive over EPIC DS?	Weather conditions affect absorption rates, but in many cases, 15-20 minutes will typically be adequate.
If I get EPIC EL on my vehicle, what is needed to wash it off?	Due to its 100% biobased chemistry EPIC EL is noncorrosive. In the event someone drives through an uncured treatment application, general soap and water will remove the product from vehicle surfaces.
What package sizes is EPIC DS Available in?	It is available in totes (275 Gal/1041 L) or bulk but you would need a tank to receive it if you choose the bulk option. Drums and Pails are available for testing purposes as well.
How much does EPIC DS Cost?	Please contact your local representative for pricing details for your particular application and volume needs.