

The Special Fluids division of TotalEnergies: A global network with a local touch

A recognized **Global Leader**

Health and Safety

Are the cornerstones of our
processes

Storage Facilities are
Worldwide



Plants in **France** and the **US**



3 Leading-edge **R&D** Centers

2 in France

1 in Belgium

Technical center in India



About **DUSTANE**

Dustane greatly reduces the amount of airborne dust particles generated during operations. There is **at least a 100x reduction** in dust emission in comparison to water, a commonly used dust suppressant.

KEY FEATURES

- Ultra low **aromatic content**
- High **flashpoint**
- Low **evaporation rate**
- Non-carcinogenic, teratogenic, and mutagenic



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DUSTANE

High Performance Dust Suppression



Benefits



Environmentally Friendly

- Readily biodegradable according to OECD guidelines
- Low Volatile Organic Carbon (VOC) emissions

Unmatched Health & Safety

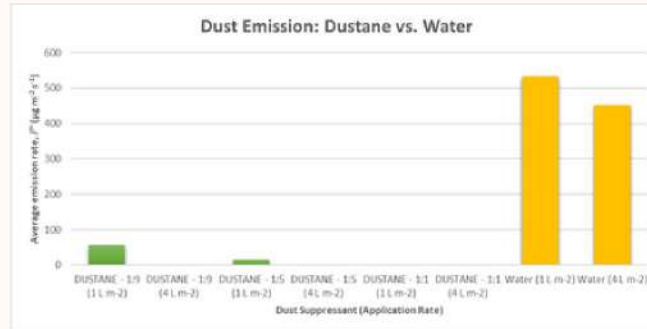
- Safer for operators on site
- Not classified as Carcinogenic, Mutagenic or Reprotoxic (CMR)
- Not classified as a substance with acute or chronic toxicity
- Greatly reduces the quantity of fine particulates that are suspended in the air both naturally and due to disturbances

Performance

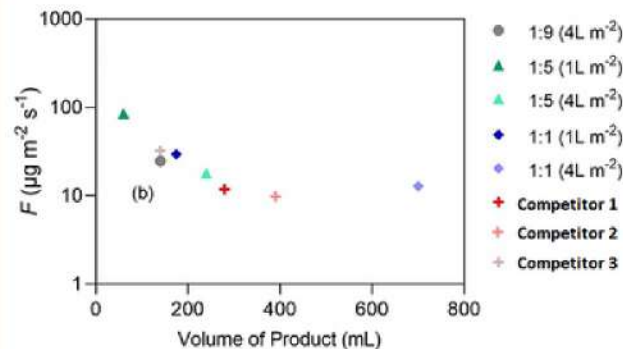
- Equivalent or superior performance vs. other dust suppressants in the market

Less Evaporation Loss

- Lowest evaporation rate among products of same viscosity and flash point range
- Less evaporation > lower product loss > cost savings



Average dust emission rate. F ($\mu\text{g m}^{-2} \text{s}^{-1}$), for water vs. Dustane under non-saltation conditions. **Dust reduction of at least 2 orders of magnitude with Dustane was observed.**



A comparison of average emissions rates, ($\mu\text{g m}^{-2} \text{s}^{-1}$), based on volume of dust suppressant applied on the surface under saltation (disturbance) conditions. **Dustane is comparable, if not better in some instances, than competitor products currently on the market.**

One competitor product could not withstand saltation conditions so emission rate could not be measured***



Providing the best service by prioritizing the best quality.

