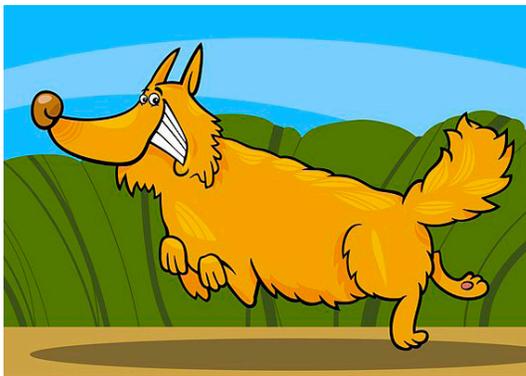


SOLVAir® QuickFacts

Solutions



Trona...

Talkin' the talk, walkin' the walk!

Q. What IS trona?

- A.** It's a naturally occurring mineral - we mine it in Green River, Wyoming, and it's used primarily to make soda ash. But a wide variety of industries use it strictly for air pollution control, where it helps remove acid gases such as SO₂, SO₃ and HCl from flue gas emissions, and has done for over 30 years.

Q. So, is it better than – say – sodium bicarbonate?

- A.** It depends on the case. Both trona and sodium bicarbonate are able to remove over 99% of the acid gases, but a plant's operating conditions will ultimately affect the performance of the dry sorbents in acid gas removal. The most important variables for high removal efficiency are: sorbent particle size, mixing or dispersion of the sorbent into the gas stream, retention time, injection temperature, and concentration.

Q. Trona's been around for a long, long time – is supply being tapped out?

- A.** According to the Wyoming Mining Association, Wyoming has the world's largest deposit of trona. and a recent report by the U.S. Geological Survey estimates 40 billion tons are recoverable. At the current rate of operation, Wyoming's reserves of trona will last 2,350 years. So we'll be talkin' the talk and walkin' the walk for a long time to come.

Got a question about our questions?

Call Marilyn Treacy at SOLVAir Solutions, 800.765.8292, or go to our website: www.solvair.us for more in-depth information about our products and Dry Sorbent Injection.

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