



AcidSafe Advantages Vs baking soda (soda ash)

Speed - Safety – Verification (ph)

1. BUFFERED, SAFER TO USE

Acidsafe incorporates inert buffers that reduce the initial (sometimes violent) reaction of the neutralizer with the acid. Splattering occurs when using soda ash as you have no control over the (dosing) speed of the reaction, resulting in acidic vapors and acid splash. AcidSafe (Buffers) eliminate this, keeping acidic vapors to a minimum by reducing the heat generated during neutralization.

2. COLOR INDICATION

AcidSafe is initially purple in color (Neutral ph.). It provides an initial color indication (if it's acidic) of how hot the acid is by turning red/orange (hot) or yellowish (not as strong). As neutralization occurs this color changes back to purple.



If any orange/yellow streaks are seen you add more AcidSafe or if dry, add water until a uniform purple color is visible. This process assures complete neutralization has occurred. With straight soda ash the only way to assure it's neutral and safe to dispose of is to test it with a PH meter or litmus paper. Then, you have only assured the portion you tested is neutral as it all looks the same color (white) no matter what the PH is.

3. SORBENT INCLUDED

AcidSafe contains Safety Sorbent allowing for easy cleanup of the neutralized acids. Soda Ash, when mixed with acid is very sticky. It's soluble in the acid requiring more volume to dry the spill and an over use of the soda ash (Overdosing) increasing disposal volume.

4. SOLIDIFIES

Acid Safe takes acid cleanup one step further by solidifying the mixture. Soda Ash is soluble and neutralizes the acid but does not contain anything else. The Safety Sorbent in AcidSafe solidifies any free liquids including any hazardous constituents (battery acid contains lead and heavy metals) that may be present.

5. COMPLETE NEUTRALIZATION

When incomplete acid neutralization occurs and the mixture is placed into a dumpster or other closed container, reaction with degradable or reactive materials can result in dumpster fires, corrosion and acidic runoff or even explosion. All of these hazards are eliminated by using AcidSafe.