

Technical Bulletin

Insolubles in Cryotech CMA® Solid Commercial Deicer

Customers making liquid CMA notice that not all CMA dissolves in water.

INSOLUBLES

The solid residue, usually about 1% by weight or less, comes from natural dolomite (dolomitic limestone is an upstream ingredient in CMA). These impurities are mostly silica and unreacted calcium and magnesium carbonates. Particle size is very small, so most insolubles pass through nozzles and filters without incident.

IMPACT ON THE CUSTOMER

The residue is not hazardous and it will not affect product quality or performance. For customers making liquid CMA, there may be a need to check and clean filter media more often. Contamination of a batch can occur during the mixing process. For that reason a final filtering prior to loading is recommended. The final filter should be smaller than nozzle openings to catch any oversize or undissolved particles. Should you experience problems or have questions regarding filters, please contact Cryotech at (800)346-7237. For general information, please visit the website at <http://www.cryotech.com>.

*PLEASE NOTE THIS TECHNICAL BULLETIN UPDATES THE TECHNICAL BULLETIN DATED 7/29/02