



ICE PREVENTION & BELT DE-ICING

Freeze Conditioning Agents & De-Icers

Benetech's Freeze Conditioning Agents (FCA) and De-Icers are specifically designed to handle bulk materials during sub-freezing weather easily. Benetech has been a significant supplier of FCA, Side Car Release Agents (SCRA), and belt de-icing products since 1983, with blending facilities located near the mining industry.

Benetech offers complete and comprehensive freeze conditioning programs in which extensive documentation and monitoring are provided. Annually, Benetech provides over 2.5 million gallons of FCA and belt de-icing chemicals to facilities located in colder regions.

Extremely effective on all types of equipment, such as idlers, rollers, transfers, switches, conveyors, material transported by trucks, and much more.

FEATURES & BENEFITS

- Application rate, in pints per ton (PPT) of treated material, weather dependent
- Adjust ratios for desired results
- Works effectively at temps plummeting down to -45° F (-43° C)
- No mixing required
- Available in Bulk Tanks, Totes (330-gal), or Non-Returnable Drums (55-gal)

FREEZE CONDITIONING AGENTS BT-910, BT-915, BT-922, & BT-930

- Weakens already formed ice
- Specially formulated chemicals won't damage equipment
- Initial freeze points: from -15° F to -46° F
- Includes surfactant blends for better treatment of hydrophobic surfaces
- Formulations made of glycol, chloride, or acetate, depending on application

BELT DE-ICERS

BT-950, BT-951, BT-952, BT-955, & BT-955++

- Apply directly onto conveyor belts at start-up of belt for set time once temp is below set point
- Inhibits intermolecular bond between conveyed material and conveyor belt
- Prevents future ice from forming as temperature drops
- Initial freeze point: from 1° F to -46° F
- Formulations made of glycol, glycerin, chloride, or glycol-chloride blend, depending on application

