

Liquid Ice-Mlt[®]

Conveyor Belt De-Icer, Ice Melter & Anti-Icing Agent



Keeps You Operating During Peak Demand Times

Liquid Ice-Mlt eliminates coal and material handling problems caused by ice glazing and fines build-up. These problems seriously complicate or prevent operations from functioning to their maximum capability. Liquid Ice-Mlt can solve these problems, and it works in temperatures as low as -40°F.

What is Liquid Ice-Mlt?

Liquid Ice-Mlt is a multi-component liquid belt de-icer. It is a special blend of diethylene glycol, chlorides, and various other proprietary ingredients which enhance ice melting and prevent ice build-up.

Ideally, Liquid Ice-Mlt is sprayed onto the conveyor belt via a Cobra™ Winter Spray System. It is best applied before ice or snow has a chance to accumulate on the belt. Because scrapers and the coal itself act to wipe the Liquid Ice-Mlt off the belt surface, it needs to be re-applied periodically depending on the weather conditions. Liquid Ice-Mlt can also be used to melt ice and snow. More frequent applications may be required, because the Liquid Ice-Mlt becomes diluted as it works to melt the snow and ice. Each customer and application is different and each requires an analysis of the situation. Our experienced technical sales representatives and field service operators are trained to determine the best application rates for your needs.



Benefits of Liquid Ice-Mlt:

- Used to prevent snow and ice from building up on conveyor belts.
- Used to melt existing snow and ice from the surface of conveyor belts.
- Made with diethylene glycol instead of ethylene glycol, therefore is not considered a Hazardous Air Pollutant under the Clean Air Act and does not have a reportable quantity associated with the product.
- Can be stored outdoors and does not require expensive heaters.

Applications:

Liquid Ice-Mlt can be sprayed on top of the conveyor belt to prevent ice glaze, or if ice glaze is present it will melt the ice upon application. Application of Liquid Ice-Mlt to tail pulleys, the bottom cover, or trough idlers can prevent ice build-up caused by precipitation or moisture from the coal. Liquid Ice-Mlt should be applied prior to shut-down to prevent ice formation. Application at start-up or during operation can speed removal of ice and prevent further accumulation.

Physical Properties

Specific Gravity:	1.26 – 1.28 Kg/L
Weight per Gallon (US)	10.50 – 10.66 #/gallon
Appearance:	Pink tinted liquid
Odor:	Slight sweet odor
pH:	5 - 6
Freezing Point:	-40°F
Solubility in Water:	Complete
OSHA Hazard:	Toxic, irritant
Flammability:	Non-flammable, non-combustible
Stability:	Stable under normal handling conditions
Corrosiveness:	All chlorides are corrosive to some degree to most metals, particularly aluminum and its' alloys.
Incompatibilities:	Strong oxidizing materials, organic salts (potassium acetate, sodium acetate)

*Liquid Ice-Mlt is the
most economical
way to keep
operating during
winter conditions!*