

Enviro-Mlt®

Belt Deicer, Ice Melter and Anti-Icing Agent



Eliminate Frozen Build-Up from Bucket Wheels, Chutes and Hoppers

Enviro-Mlt melts and prevents ice build-up, therefore, eliminates costly downtime. Also, it minimizes hazardous working conditions.

Enviro-Mlt is non-hazardous per OSHA requirements, non-toxic and less corrosive than chlorides. It comes ready to use, no dilution to worry about.

Enviro-Mlt also does NOT contain any non-volatile organics, rendering it safe for the atmosphere — no hazardous air pollutants to worry about!

Outstanding benefits of Enviro-Mlt

- Environmentally sound, non-hazardous per OSHA requirements
- Melts existing snow, ice and freezing frost from the surface of conveyor belts
- Prevents snow and ice from building up on conveyor belts
- Reduces material handling time
- Prevents down-time associated with dangerous and costly coal backslides
- Will not cause damage to conveyor equipment or conveyor belts like chloride-based products can
- Effective as a deicer and as an anti-icer
- Lasts longer than chloride-based blends



Description

Enviro-Mlt is a multi-component potassium acetate based liquid belt deicer and anti-icing agent. It eliminates coal and material handling problems caused by ice glazing and fines build-up on conveyor belts.

Enviro-Mlt offers advanced ice melting performance without compromising anti-icing properties.

Applications

Enviro-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 Enviro-Mlt to tail pulleys, the bottom cover, or trough idlers can prevent ice build-up caused by precipitation or moisture from the coal. Enviro-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:	1.25 – 1.27 Kg/L
Weight per Gallon (US)	10.41 – 10.58 #/gallon
Appearance:	Clear to slightly tinted liquid
Odor:	Slight odor
pH:	10 - 11
Freezing Point:	< -71°F
Solubility in Water:	Complete
OSHA Hazard:	No
Flammability:	Non-flammable, non-combustible
Stability:	Stable under normal handling conditions
Corrosiveness:	Avoid contact with galvanized metal, brass or zinc containing metal alloys, aluminum or cast iron. Carbon steel or alloys are okay if clean and rust- free. Stainless steel, coated or painted surfaces are best.
Incompatibilities:	Strong oxidizing materials and inorganic salts (calcium chloride, magnesium chloride, sodium chloride etc.)