

Enviro-Mlt[®]: Technical Information

Anti-Icing Agent

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 lbs./gal
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.)