

B-Free® Side Release Agent



Prevent Coal and Other Materials from Freezing to Railcar Interiors, Truck Beds, Chutes, Hoppers and Feeders

B-Free side release agent has many outstanding performance characteristics. It will prevent the bonding action of ice from forming between the coal and the car skin, truck bed, or other treated surface.

B-Free side release agent also speeds thawing efforts since it does not act as an insulator like ice, but warms immediately and conducts the heat applied to the car skin through the coal mass. In addition, it provides lubricity between expanded, wedged coal and corners and crevices. It prevents expanded coal in hoppers from acting as “one unit” which resists shakers, etc.

B-Free is applied at the rate of 3 to 7 gallons per 100 ton railcar, depending on moisture content, duration of transport, temperature, etc. Application equipment especially designed to automatically treat the inside of each car is available for permanent installations. A simple spray bar suspended across the top of the cars or a hand-held spray gun is suitable for trials and initial evaluations.

B-Free side release agent applied to truck beds would require 1 to 3 gallons depending on moisture content, duration of transport temperature, etc.

B-Free side release agent aids the unloading of:

- Ash
- Coal
- Granite
- Aggregates
- Coke Pellets
- Railroad Ballast
- Many other Materials

B-Free is a specially formulated liquid that grips metal and creates a non-freezable barrier between treated metal and coal.

Apply B-Free side release agent to chutes, bins, hoppers, bucket conveyors, truck beds, discharge doors, rail car interiors, intake shaft walls, elevator cables, turn heads& overhead crane track.

B-Free is also effective on aggregates, sand and agricultural lime. Not recommended for animal feed or any product that is to be processed into food.

Outstanding Features:

- Prevents costly downtime
- Prevents costly demurrage
- Reduces amount of FCA needed
- Non flammable
- Safe to use
- Ready to use
- Easily applied
- Provides "Dump-&-Go" turnaround
- No chipping, picking or shoveling to remove material out of truck bed

Surface Preparation:

- Prevents the bonding action of ice from forming between the treated metal surface and coal.
- Provides a special lubricity to help material move by gravity out of trucks, and down chutes.
- Keeps discharge doors and other moving parts free of ice and frozen fines build-up.
- Eliminates haul truck tipping when unloading.

Application:

B-Free is easily applied with a hand-held chemical sprayer.

Instructions:

- Start with a trailer that is clean and free of ice build-up.
- Spray 2-3 gallons to the nose area and all sides of the truck bed. With repeat use, less product will be needed for subsequent loads, dropping to a rate of at least 1 gallon between each load.
- If ice build-up is a problem, increase initial application to 12-15 gallons and cover entire bottom and sides of trailer.

B-Free prevent the bonding action of ice from forming between the coal and the car skin, truck bed, or other treated surface.

