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Understanding Granular Ice Melt

Sodium Chloride forms the base of most granular ice melt products because of its affordability. However, sodium chloride is a harsh ice melt that tends to cause corrosion on many surfaces. One unique way of reducing the corrosivity of sodium chloride (rock salt) and to make it more effective is to coat the sodium chloride with a liquid magnesium chloride and a corn derived corrosion inhibitor. This coating when sprayed on sodium chloride has the following beneficial effects:

1. Reduces the corrosive nature of plain rock salt by about 40%
2. Starts the melting process more quickly
3. Keeps the melt water in a liquid state longer
4. Reduces the bounce and scatter of untreated rock salt
5. Makes rock salt work to lower temperatures

Coated granular forms the base of most all the Bare Ground treated granular products which are described below:

Coated Granular Ice Melt (Bare Ground models BGSJ-12, BGCSBX-40, BGCS-50, BG-1000 and BG-2000CG) Each item contains rock salt that has been coated with magnesium chloride and a corn derived corrosion inhibitor. This blend is favored by consumers looking for excellent ice melting capability

Coated Granular with Traction Granules (Bare Ground models CSSLGP-12, CSSLGP-40, CSSLGP-50, CSSLGP-1000 and CSSLGP-2000) Each item contains a rock salt that has been coated with magnesium chloride and a corn derived corrosion inhibitor and added to this treated blend are small #8 grain pumice granules that have been infused with liquid ice melt. This blend is favored by consumers that are looking for excellent ice melting performance and a residual anti slip granule.

Coated Granular with Calcium Chloride (Bare Ground models BGCSCA-12, BGCSCA-40, BGCSCA-50, BGCSCA-1000 and BGCSCA-2000) Each item contains a rock salt that has been coated with magnesium chloride and a corn derived corrosion inhibitor plus an added calcium chloride pellet (20% by volume) for increased ice melting ability. Calcium chloride is an exo-thermic ice melter which generates heat when it begins to melt. This blend is favored by consumers that are looking for a rapid melt, aggressive in nature with less concern about enviro effects and infrastructure.