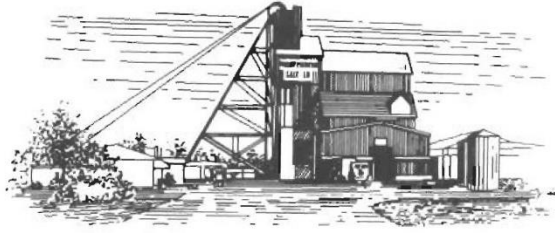


# INDEPENDENT SALT Company



## Highway Grade Deicing Salt

Independent Salt Company offers Highway Grade Ice Control Salt in both **Bulk** and **50-pound plastic bags** which are stretch wrapped and palletized.

### **ASTM Compliance**

This product meets the requirements for Type 1 Grade 1 Sodium Chloride set out by ASTM (American Society for Testing and Materials).

### **Description**

Highway Grade salt is translucent grey to white in color. Appearance is identical to rock salt used to make homemade ice cream. The salt will contain a mix of sizes that meet the ASTM requirements for Type 1 Grade 1 deicing salt. Yellow Prussiate of Soda (YPS) is added to the salt as an anticaking agent

### **Uses**

Highway Grade deicing salt is used to melt ice and snow on roadways, parking lots, sidewalks, and anywhere else where ice control is needed.

### **Effectiveness**

The Salt Institute states:

"Sodium chloride melts ice at temperatures down to its eutectic point of  $-6^{\circ}\text{F}$  ( $-21^{\circ}\text{C}$ ). The important variable is not the air temperature in this case, but the pavement temperature. Depending on whether the storm occurs early in the season or at the end of a particularly cold period, the pavement may be warmer or colder than the air, but even in the dead of winter, pavements are more often warmer than the air. Most snowstorms occur when the air temperature is between  $20^{\circ}\text{F}$  ( $-7^{\circ}\text{C}$ ) and  $32^{\circ}\text{F}$  ( $0^{\circ}\text{C}$ ), the temperature range where salt is very effective."

### **Typical Chemical Analysis**

Sodium Chloride	95 to 97%
Calcium Chloride	0 to 1%
Magnesium	0 to 0.5%
Calcium Sulfate	0 to 2%
Magnesium Chloride	0 to 1%
Other Trace Minerals	0 to 1%

### **Typical Sieve Analysis**

Mesh Size	% Passing
1/2 inch (.50 inches)	100%
3/8 inch (.375 inches)	98%
4 mesh (.187 inches)	82%
8 mesh (.0937 inches)	22%
30 mesh (.0232 inches)	10%