



Technical Information

DE-ICING SALT

DESCRIPTION

De-Icing Salt is a coarse screened solid obtained from underground bedded salt deposits by physical mining. The salt is exploited by drilling and blasting with explosives in a manner similar to that used in other types of mineral mining. The mined salt is then crushed, screened and hoisted to the surface where it is stockpiled awaiting distribution as a de-icing product.

COMPLIANCE

De-Icing Salt is not approved for human or animal consumption. It is intended for use only as a chemical de-icer. This salt complies fully with ASTM Specification D 632-99 Type 1, Grade 1. Meets standard LC 12101 of Ministère des Transport du Québec..

ADDITIVES

De-Icing Salt contains Yellow Prussiate of Soda, which is added to improve caking resistance.

APPLICATIONS

De-Icing Salt is intended for use as an ice and snow removal agent on highways, roadways, parking lots, alleys and sidewalks.

PACKAGING AND SHIPPING

De-Icing Salt is available 10kg, 20kg, 40kg, 25 lbs, 50 lbs, 80 lbs, 1000kg bags and bulk.

METHODS OF ANALYSIS

Methods of analysis and product performance evaluation are taken from the ASTM designations D 632-99 and E 534-98.

CHEMICAL ANALYSIS

Component	Units	Typical	Specification
Sodium Chloride (dry basis)	%	98.66	95.0 min.
Calcium (Ca)	%	.17	-
Magnesium (Mg)	%	0.0182	-
Insolubles	%	0.86	2.0 max
Surface Moisture ¹	%	0.22	1.5 max
Yellow Prussiate of Soda ²	ppm	105	120 max

1. 110°C for 2 hours before conditioning.
2. Anticaking agent

SIEVE ANALYSIS

U.S.S. Mesh	Opening (Inches)	Opening (microns)	Typical	Specification
1/2"	0.50	12500	100	100 min
3/8"	0.375	9500	96,27	95 - 100
4	0.187	4750	61,28	20 - 90
8	0.0937	2360	33,41	10 - 60
30	0.0232	600	4,73	15 max

Note : Sieve analysis is reported as percent passing

BULK DENSITY

Parameter	Typical	Specification
Pounds per cubic foot	78	74 - 82
Grams per Liter	1250	1185 - 1315

Note : Bulk Density is reported as loose (uncompacted)

Importer /Packer : Warwick Salt, Victoriaville, QC
Revised August 2017

Notice : All of the above data are only as an indication and are made without guaranty or responsibility of any kind on our part.

WARWICK SALT
807 boul. Pierre-Roux Est, Victoriaville, Qc G6T 1T7