

# HUTCHINSON SALT

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## TECHNICAL DATA ASTM GRADE 1 ROAD SALT

### SOURCE

Hutchinson Salt's crystals are extracted from the richest bed of evaporates in the mid-west. The salt is mined at a level of 645 feet below the earth's surface in a 10 foot portion of an immense, natural occurring deposit. The operation is highly mechanized. Salt is passed through crushers near the mine's face which reduces the chunks to fragments less than 1 to 1 1/2" in diameter. It is further processed to meet the following rigid specifications.

### DESCRIPTION

- A careful screening process allows for the specialized gradation of this salt.
- Economical and efficient chemical for ice and snow control.
- Conforms to general deicing salt specifications.

PHYSICAL PROPERTIES		
U.S. Standard	% Cumulative	
Mesh	Typical	Range
1/2"	100	100
3/8"	98	95-100
#4	47.6	20-90
#8	16.8	10-60
#30	6	0-15
PAN	0	0

Bulk Density: 71 lbs. / cu. ft.

### USES

Hutchinson Salt's ASTM GRADE 1 ROAD SALT is used extensively where an economical, flowable, non-caking salt is required.

It's crystal size, uniform gradation, and treatment with yellow prussiate of soda will minimize caking in storage.

ASTM GRADE 1 ROAD SALT primary usage is for ice and snow control on highways. It can also serve as a soil stabilizer in road construction.

### CHEMICAL ANALYSIS

	Typical(%)	Range(%)
*Sodium Chloride	95.0	95-97
Calcium Sulfate	3.27	2.36-3.84
Magnesium Chloride	0.10	0.09-0.25
Acid Insolubles	0.17	0.04-0.50
Iron Oxide	0.01	0.02-0.11
Calcium Chloride	0.00	0.0-0.42
Magnesium Sulfate	Trace	
Water Insolubles	1.43	1.00-2.22
Moisture	0.07	0.05-0.18

\*By difference and exclusive of additives.

### AVAILABILITY

Bulk - truck or rail cars