



Technical Information
**CG-90[®] non-phosphate
 anticorrosive deicer**

DESCRIPTION:

CG-90[®] non-phosphate anticorrosive deicer is an enhanced highway deicing salt product containing a corrosion inhibitor. It is a highly effective performer that creates superior protection against corrosion of exposed metal surfaces, and provides excellent deicing capabilities. Using this product may reduce highway and bridge maintenance costs.

COMPLIANCE:

CG-90[®] non-phosphate anticorrosive deicer is not approved for human or animal consumption. It is intended for use only as a chemical deicer on roadways and thoroughfares. This product complies fully with ASTM Specification D 632-99 Type 1, Grade 1.

ADDITIVES:

CG-90[®] non-phosphate anticorrosive deicer contains a patented corrosion inhibitor that is phosphate-free.

APPLICATION:

CG-90[®] non-phosphate anticorrosive deicer should be applied at the same rate as regular highway deicing salt.

HANDLING AND STORAGE:

CG-90[®] non-phosphate anticorrosive deicer requires no additional handling, equipment or labor over and above that used for regular highway deicing salt. To improve caking resistance and reduce run-off, it is recommended that the product be stored in a covered storage shed or tarped. Normal precautionary measures for the safe handling of deicers should be observed.

PACKAGING:

CG-90[®] non-phosphate anticorrosive deicer is available in bulk and 2000 lb. minibulk bags.

METHODS OF ANALYSIS:

Methods of analysis are taken from the ASTM designations D 632-99, E 534-98 and G 31-72, from SHRP H205 and from Cargill.

CHEMICAL ANALYSIS:

Component	Units	Typical	Specification
Sodium Chloride	%	99	98.5 min.
Corrosion Inhibitors	%	1	1.1 max.

SIEVE ANALYSIS:

U.S.S. Mesh	Opening Inches	Opening Microns	Typical	Specification
1/2"	0.500	12700	100	100 min.
3/8"	0.375	9525	97	-
4	0.187	4760	55	-
8	0.0937	2380	38	-
30	0.0232	590	8	15 max.

Note: Sieve analysis is reported as percent passing.

PRODUCT BENEFITS:

Average % protection against salt induced corrosion 90%
 Lowest effective deicing temperature 14.9°F(-9.5°C)
 Deicing rate (as compared to sodium chloride) 1.0X

PRODUCING LOCATIONS: VARIOUS LOCATIONS
 ACROSS THE U.S.
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**CARGILL DEICING
 TECHNOLOGY**

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NOTICE: All of the above statements, recommendations, suggestions and data are based on our laboratory results, and we believe same to be reliable. Nevertheless, with the exception of data showing an express guaranty (such as in the case of products specifically designed for use as nutrient supplements), all such statements, recommendations, suggestions and data hereinabove presented are made without guaranty, warranty or responsibility of any kind on our part.