Technical Data Sheet

![Cargill logo]

CARGILL, INCORPORATED

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CC1001
404472

DCF KSHR 12/3LB CS 50PP

MATERIAL NUMBER:	100011095	**VALIDITY DATE (MM/DD/YYYY):**	04/04/2019
MATERIAL UPC CODE:	10013600020016	**DATE REVISED (MM/DD/YYYY):**	06/11/2018
STATUS:	Current		
MATERIAL DESCRIPTION:	DCF KSHR 12/3LB CS 50PP		

ANALYTICAL SPECIFICATIONS

CHEMICAL	MIN	TARGET	MAX	UOM	METHOD
Surface Moisture (%)	0.0000	0.03	0.1	%	Surface and Interstitial Moisture
Ca & Mg as Ca (%)	0.0000	0.04	0.3000	%	Calcium & Magnesium by EDTA Titration
Water Insolubles (%)	0.0000	0.0025	0.01	%	Water Insolubles
NaCl (%)	99.8	99.86	100	%	Purity of Sodium Chloride by Difference
Sulfate as SO4 (%)	0.0000	0.1		%	Sulfate by Barium Chloride Precip.

PHYSICAL	MIN	TARGET	MAX	UOM	METHOD
Bulk Density (gms/Liter)	480	590	640	g/l	
Sieve - USS 40 Mesh retained		31		%	Particle Size Distribution (Screens)
Sieve - USS 30 Mesh retained		37		%	Particle Size Distribution (Screens)
Sieve - USS 50 Mesh retained		4		%	Particle Size Distribution (Screens)
Sieve - USS 16 Mesh retained	0	3	10	%	Particle Size Distribution (Screens)
Sieve - Retained on Pan	0	7	10	%	Particle Size Distribution (Screens)
Sieve - USS 20 Mesh retained		18		%	Particle Size Distribution (Screens)
Bulk Density (#/cu ft)	30	37	40	PCF	Bulk Density Determination of Salt - 1

OTHER	MIN	TARGET	MAX	UOM	METHOD
Arsenic	0		1	ppm	EPA 3050/6020 USP 730
Heavy Metals (as Pb)	0		2	ppm	EPA 3050/6020 USP 730

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MATERIAL STATEMENTS:

APPLICATIONS:# This material is intended for a variety of end-uses. Food uses include topping baked goods, crackers and snack foods, flavoring and preserving cheese, meat and poultry products, and blending with spices, seasonings, soup bases and gravy mixes.#

Note: purity calculated prior to conditioning. Note: Sieve analysis is reported as percent retained. Note: Bulk Density is reported as loose (uncompacted).

DESCRIPTION: This material is a high purity, food grade, natural crystalline, coarse flake sodium chloride manufactured under stringent process control procedures by Cargill's exclusive ALBERGER® process.

INGREDIENT STATEMENTS:

ADDITIVES: This material contains no anticaking or free-flowing additives or conditioners.

DIET STATEMENTS:

ORGANOLEPTIC PROPERTIES: This material has a characteristic saline taste, and may exhibit a slight halogen odor upon warming.

HANDLING STATEMENTS:

PACKAGING AND STORAGE: This material is available in individual round cans and boxes which incorporate liners for added moisture protection. To improve caking resistance, the product should be stored in a dry, covered area at humidity below 75%.

NUTRIENT STATEMENTS:

 OTHER PROPERTIES: This material contains no known allergens, and exhibits virtually no microbiological activity.

REGULATORY STATEMENTS:

METHODS OF ANALYSIS: Methods of analysis are taken from ASTM E 534-08, Cargill and the Food Chemicals Codex.

COMPLIANCE:# This Material is of food grade quality, complying fully with the standards for Sodium Chloride as set forth in the Food Chemicals Codex. It is approved for direct use in meat and poultry products by the U.S. Department of Agriculture Food Safety and Inspection Service.#

WARRANTY STATEMENTS:

PRODUCING LOCATION: St. Clair, MI# # CARGILL SALT# P.O. Box 5621# Minneapolis, MN 55440# 1-888 385-7258# # 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.

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