

Solvay Chemicals CASO[®] FCC FLAKES Food Additive INS 509, Calcium Chloride

Category : Ceramic , Halide

Material Notes:

CASO[®] FCC Flakes is a dihydrate calcium chloride food grade of mineral origin. According to the International Numbering System (INS) for food additives, CASO[®] FCC Flakes is characterized by the INS Number 509 referring to "calcium chloride". CASO[®] FCC Flakes is compatible with the food uses for which the Food Chemicals Codex (8th Edition) specifications are required, but does not constitute a food additive pursuant to European Regulation N^o 1333/2008 as amended. REACH Registration Number: 01-2119494219-28/ CAS number: 10035-04-8/ EINECS - N^o: 233-140-8/ CE - N^o: 017-013-00-2 Applications: Agriculture, Dairy products and cheese, Production of beer and soft drinks, Storage of canned fruits and vegetables, Cooling agent in food processes and Food Additive Information provided by Solvay

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Chemicals-CASO-FCC-FLAKES-Food-Additive-INS-509-Calcium-Chloride.php

Physical Properties	Metric	English	Comments
Density	0.800 - 0.900 g/cc	0.0289 - 0.0325 lb/in ³	
Molecular Weight	147.02 g/mol	147.02 g/mol	

Descriptive Properties	Value	Comments
Appearance	Flakes	
Color	White	
Composition	<0.004%	Fluorides
	<0.004%	Fluorides, Specifications
	<1 mg/kg	Hg
	<1 mg/kg	Hg, Specifications
	<1.5 g/kg	Ca(OH) ₂ , Specifications
	<3 mg/kg	As
	<3 mg/kg	As, Specifications
	<40 g/kg	Magnesium and alkali salts, Specifications
	<5 mg/kg	Pb, Specifications
	0.7 g/kg	Water insoluble
	0.9 g/kg	Ca(OH) ₂
	1.02	CaCl ₂ .2H ₂ O

Descriptive Properties	Value	Comments
	1.6 mg/kg	Pb
	10.2	pH of 1:20 solution
	26 g/kg	Magnesium and alkali salts
	26 g/kg	NaCl
	4.5-11	pH of 1:20 solution, Specifications
	4.7 mg/kg	Fe
	750-810 g/kg	CaCl ₂ , Specifications
	770 g/kg	CaCl ₂
	99-107%	CaCl ₂ .2H ₂ O, Specifications
Granulometry	0.014	<0.5 mm, statistical average
	0.018	<1.0 mm, statistical average
	0.055	<2.0 mm, statistical average
	0.06	<0.5 mm, typical value
	0.08	<1.0 mm, typical value
	0.27	<2.0 mm, typical value
	0.493	<4.0 mm, statistical average
	0.83	<4.0 mm, typical value
	0.983	<8.0 mm, statistical average
	1	<8.0 mm, typical value

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