



American International Chemical, Inc.

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SPECIFICATION SHEET

CHOLINE DIHYDROGEN CITRATE NF 12* TREATED (NFXII Compliant prior to treatment)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
CDCASC	1358	77-91-8	February 3, 2011	MC	No. 5	MPR

CHARACTERISTICS:	Crystalline white powder, that is hygroscopic and soluble in water and methanol. *Contains silicon dioxide to improve flow. Contains ~ 35% Choline.
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SPECIFICATIONS:	Assay	98% min
	Melting point (without SD)	102.0-107.5° C
	pH (25% in water)	3.5-4.5%
	Loss on drying	0.25% max
	Loss on ignition (without SD)	0.05% max
	Silicon dioxide	0.5-1.5%
	Heavy metals	20 ppm max

PACKAGING:	25 kg fiber drums with 2 PE liners inside. 16 drums per pallet.
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APPLICATIONS:	Nutritional supplements in human foods and animal feeds. Store in a controlled environment, if possible. Material is hygroscopic. Do not leave drum open. The Food and Drug Administration has authorized a nutrient content claim for Choline. Food and supplements with 55 mg or more of Choline cation per portion can be labeled "a good source of Choline" and those with 110 mg "an excellent source of Choline." A copy of this document <u>Nutrient Content Claims Notification for Choline - Containing Foods</u> by the FDA is available. Please contact your AIC sales representative.
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OTHER:	Kosher certified
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