

**American International Chemical, Inc.**

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**SPECIFICATION SHEET****VITAMIN D3 100 CWS POWDER**

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
VD1SIC	2965	67-97-0	June 30, 2010	LR	No. 4	TJK

<b>CHARACTERISTICS:</b>	Off-white to yellowish fine powder. One kg of the product contains 2.5 grams of vitamin D3 crystalline. Made from vitamin D3 40m iu that meets USP/EP (Cholecalciferol) specifications. Also contains PEG 6000, BHT, BHA; all these ingredients meet USP specifications.
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<b>SPECIFICATIONS:</b>	Solubility in water at 20°C	Approx. 0.2% w/v
	Identification (Vitamin D3)	To pass test
	Loss on drying	1% max
	Assay (as Vitamin D3)	100,000-110,000 IU/g
	Particle size	
	Thru a 20 mesh	100%
	Thru a 60 mesh	90% min
	Thru a 100 mesh	20% min
	Microbial limits	
	Total microbial count	100 cfu/g max
	Yeast and molds	10 cfu/g max
	Escherichia coli	Absent
	Salmonella	Absent

<b>STOCKING POINTS:</b>	Houston, TX
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<b>PACKAGING:</b>	1 kg Jerry can/PET bottle lined inside with 2 LDPE bags 5 kg, 10 kg and 25 kg HDPE drum lined inside with 2 LDPE bags
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<b>APPLICATIONS:</b>	Vitamin D3 supplement for applications in which it has to be soluble in cold water. Approximately 2 grams per liter is freely soluble in water and gives a clear solution.
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<b>STORAGE INSTRUCTIONS AND SHELF LIFE:</b>	These items are stabilized; hence, the potency of the vitamin is retained for much longer periods. The product can be stored in recommended storage conditions without nitrogen flushing at approximately 20° C in a dry area away from the sunlight. Shelf life is a minimum 30 months, if kept in original unopened container, in a temperate dry warehouse.
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<b>OTHER:</b>	ISO 9001:2000 certified, State Drug License and follows cGMP, DMF #23749 The source of the vitamin D3 is from sheep wool from New Zealand and Australia, which is Non-GMO and TSE-BSE Free. Kosher certified: Star K
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