



American International Chemical, Inc.

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SPECIFICATION SHEET

MALTITOL SYRUP NF FCC

Code No.	SCN No.	CAS No.	Effective Date	Written	Rev. No.	Approved
MLTJCS MLTJC2 MLTJC3	3280	68425-17-2	July 6, 2004	MDS	No. 5	TJK

CHARACTERISTICS:	Clear viscous liquid with a sweet taste
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	GRADE	MLTJCS	MLTJC2	MLTJC3
SPECIFICATIONS:	Identification A, B	To pass test	To pass test	To pass test
	Maltitol % dry basis	50.0% min.	50.0% min.	65% min.
	Typical range	52-54%	54-57%	65-72%
	Sorbitol % dry basis	16.0 % max.	13% max.	5% max.
	Reducing sugars (NF)	Passes test	Passes test	Passes test
	Reducing sugars (FCC)*	0.30% max.	0.30% max.	0.30% max.
	Water	30% max.	25% max.	25% max.
	Residue on ignition	0.1% max.	0.1% max.	0.1% max.
	Chlorides	50 ppm max.	50 ppm max.	50 ppm max.
	Sulfates	100 ppm max.	100 ppm max.	100 ppm max.
	Lead*	1 ppm max.	1 ppm max.	1 ppm max.
	Nickel*	1 ppm max.	1 ppm max.	1 ppm max.
	Heavy metals*	10 ppm max.	10 ppm max.	10 ppm max.
pH (14% w/w solution)	5.0 to 7.5	5.0 to 7.5	5.0 to 7.5	
*Above tests calculated on anhydrous basis				

STOCKING POINTS	Farmingdale, NJ (MLTJCS only)
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PACKAGING:	250 kg plastic drums; 4 drums/pallet
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APPLICATIONS:	Used to replace sucrose in sugar free applications such as candies, cakes and liquid drinks. It is a humectant, texturizing agent, stabilizer and sweetener.
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OTHER:	Kosher: London Beth Din Kashrut Division (KLBD)
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