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## Specification Sheet

### DENTSIL DS-230

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
D23GCP	2009	112926-00-8 7631-86-9	November 28, 2011	NSG	No. 4	CDS

<b>CHARACTERISTICS:</b>	White powder with very good thickening properties for toothpaste formulations.
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<b>SPECIFICATIONS:</b>	SiO <sub>2</sub> content (Assay)	96.0% min
	Loss on drying (2 hr @ 105°C)	5.0-7.0%
	Loss on ignition @ 1050° C	8.3 % max
	pH (5 % slurry)	6.5-7.5
	DBP oil absorption	205-235 ml/100g
	Sieve residue (on a 325 mesh)	1.0 % max
	Viscosity @ 25° C (in sorbitol)	700-2000 cp
	Soluble salts	2.0% max
	Average particle size	12-14µm
	Iron (as Fe)	350 ppm max
	Heavy metals (as Pb)	15.0 ppm max
	Arsenic (as As)	2.0 ppm max

<b>PACKAGING:</b>	13.5 kg bag; 45 per pallet
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<b>APPLICATIONS:</b>	Thickening agent for toothpastes.
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<b>OTHER:</b>	Kosher by Keter Torah
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<b>SHELF LIFE:</b>	Retest after 12 months
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