



American International Chemical, Inc.

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SPECIFICATION SHEET

SIMETHICONE USP (Felix-110)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
SMCRIL	2840	8050-81-5	December 7, 2010	MDS	No. 3	MPR

CHARACTERISTICS:	Translucent, colorless, odorless, tasteless viscous liquid. Insoluble in water and in alcohol, soluble in chloroform, ether and in benzene.
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SPECIFICATIONS:	Assay as polydimethylsiloxane	90.5-99.0% (typically ~98%)
	Silicon dioxide	4-7%
	Identification (IR)	To pass test
	Defoaming activity	Not more than 15 seconds (typically 6 sec)
	Loss on heating	18.0% max (typically below 2%)
	Heavy metals	10 ppm max (typically less than 5 ppm)
	Residual solvents	Meets requirements

PACKAGING:	50 kg HDPE blue drum; 10 drums per pallet.
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APPLICATIONS:	Antifoaming agent used in medical and pharmaceuticals. It is used in nonprescription drug for short-term relief of excess wind in the gastrointestinal (GI) tract. It is also used to relieve symptoms of infant colic and in nonprescription antacids alone or with other nonprescription antacids, for relief of stomach upset. May also be used in endoscopic examinations and in dermatological ointment, creams and lotions.
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OTHER:	DMF #18687. Shelf life 4 years from date of manufacturing
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