



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### SIMETHICONE EMULSION USP 30% (Simul-73)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
SMERIL	2840	8050-81-5	January 22, 2011	MDS	No. 9	MPR

<b>CHARACTERISTICS:</b>	A white translucent viscous liquid that is a water-dispersible form of Simethicone composed of Simethicone, suitable emulsifiers, preservatives, and water. It may contain suitable viscosity-increasing agents. It contains an amount of polydimethylsiloxane that is not less than 85.0% and not more than 110.0% of the labeled amount of Simethicone.
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<b>SPECIFICATIONS:</b>	Assay (as emulsion)	25.5-33.0%
	Identification (IR)	To pass test
	pH	6.5-8.5`
	Heavy metals	5 ppm max
	Defoaming activity	Not to exceed 15 seconds
	Microbial limits	
	Total bacterial count	100 cfu/gram max
	Residual solvents	Meets requirements

<b>PACKAGING:</b>	50 kg HDPE blue drums; 10 drums per pallet.
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<b>APPLICATIONS:</b>	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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<b>OTHER:</b>	DMF # 18689. Retest after every 12 months before use.
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