

SOLUBILITY OF SACCHARIN (g/100g OF SOLVENT)

<u>SOLVENT</u>	<u>TEMP. (C)</u>	<u>ACID SACCHARIN (m.w. 183.1)</u>	<u>SODIUM SACC.2H₂O (m.w. 241.2)</u>	<u>CALCIUM SACC.2H₂O (m.w. 440.5)</u>
WATER (A)	20	0.2	100	37
WATER (A)	35	0.4	143	82
WATER (A)	50	0.7	187	127
WATER (A)	75	1.3	254	202
WATER (A)	90	-	297	247
				<u>CALCIUM SACC.3 1/2H₂O (m.w. 467.5)</u>
PROPYLENE (B) GLYCOL	25	2.6	44.7	35.1
GLYCERIN (B)	25	0.4	55.8	10.6
AQUEOUS (B) ETHANOL (% BY WT.)				
20.7	25	0.6	87.3	58.6
43.7	25	1.8	60.2	60.2
69.5	25	4.0	23.9	55.0
92.5	25	4.1	2.6	30.5

REFERENCES:

- A. "Saccharin" in Alternative Sweeteners, 2nd edition by M.L. Mitchell and R.L. Pearson, pp 127-156. Eds. L. O'Brien Nabors and R.C. Gelardi, Marcel Dekker, Inc., NY, 1991.
- B. CRC Handbook of Food Additives: Nonnutritive Sweeteners: A. Salant, pp 503-512. Ed. T.E. Furia, Cleveland, 1968.