

SOLUBILITIES OF SORBIC ACID AND POTASSIUM SORBATE

Solvent	Sorbic Acid (% Solubility)	Potassium Sorbate (% Solubility)
Water		
20°C (68°F)	0.16	58.20
50°C (112°F)	0.55	61.00
100°C (212°F)	4.00	64.00
Ethanol (at 20° C temp.)		
5%	00.16	57.40
20%	00.29	54.60
50%	04.80	45.30
95%	12.60	06.50
100%	12.90	02.00
Sucrose Solution		
10%	0.15	58.00
40%	0.10	45.00
60%	0.08	28.00
Other Solvents (at 20° C temp.)		
Ethyl Ether	05.00	00.10
Fatty Oils	0.60 to 1.20	00.10
Propylene Glycol	05.50	20.00
Glycerol	00.31	00.20
Acetic Acid, Glacial	11.50	-
Acetone	09.20	00.10