



## AMSOL (AMINE DISPERSED TIN SOL)

DATA SHEET - 075 Issue 1, Effective date 21/06/2011

Chemical Name: Hydrated tin oxide dispersion, tin oxide sol, colloidal tin oxide.

	C.A.S. No	EINECS No
Hydrated tin oxide:	18282-10-5	242-159-0
2-Amino-2-methylpropanol:	124-68-5	204-709-8

Description: Amine dispersed tin sol comprises colloidal particles of hydrated tin oxide in a 3 - 5% w/w 2-amino-2-methylpropanol solution. It may be used as a source of ultra fine and highly reactive tin oxide for use in mixed metal oxides, coatings, catalysis etc.

Physical State: Clear or translucent liquid.

### CONTROL PROPERTIES

Specific Gravity:	1.18 to 1.22
Solids content:	17 to 21 % w/w as SnO <sub>2</sub>

### TYPICAL SIGNIFICANT PROPERTIES

pH:	10 to 12
Primary crystallite size (TEM):	2 to 10 nanometres *
Surface area (BET):	approx 200 m <sup>2</sup> /g *

( \* = based on powder from dried dispersion )

All information is given in good faith but without warranty.  
This Data Sheet supersedes and replaces all previous issues.

Keeling & Walker products are manufactured under the ISO 9001 Quality Management System and the ISO 14001 Environmental Management System