

## Function List

### Steam97 Excel Add-In v3.1

	Function Name SI Units	Function Name English Units	Input Argument 1	Input Argument 2	Input Argument 3	Valid in region
1.	SatPXsi	SatPXe	p	x	propertyID	saturation
2.	SatTXsi	SatTXe	t	x	propertyID	saturation
3.	SteamPTsi	SteamPTe	p	t	propertyID	all
4.	SteamPHsi	SteamPHe	p	h	propertyID	all
5.	SteamPSsi	SteamPSe	p	s	propertyID	all
6.	SteamPUsi	SteamPUE	p	u	propertyID	all
7.	SteamPVsi	SteamPVe	p	v	propertyID	all
8.	SteamTHsi	SteamTHE	t	h	propertyID	all
9.	SteamTssi	SteamTSe	t	s	propertyID	all
10.	SteamTUsi	SteamTUE	t	u	propertyID	all
11.	SteamTVsi	SteamTVE	t	v	propertyID	all
12.	SteamHssi	SteamHSe	h	s	propertyID	all
13.	SteamHVsi	SteamHVe	h	v	propertyID	all
14.	SteamUSsi	SteamUSE	u	s	propertyID	all
15.	SteamUVsi	SteamUVE	u	v	propertyID	all
16.	SteamVssi	SteamVSe	v	s	propertyID	all

#### Helper functions

	Function Name SI Units	Function Name English Units	Input Argument 1	Valid in region
17.	SatPressureSI	SatPressureE	t	saturation
18.	SatTemperatureSI	SatTemperatureE	p	saturation
19.	Steam97ConstantSI	Steam97ConstantE	constantID	all

#### Legend:

p - pressure  
t – temperature  
h – specific enthalpy  
s – specific entropy  
u – specific internal energy  
v – specific volume  
x – steam quality (dryness)

propertyID – see PropertyList.pdf  
constantID – see PropertyList.pdf