Machine Detergent Product Guide

		Sku and Pack Size	INDICATOR - TITRATE	PERCENT OF CONCENTRATION AT 10 DROPS	RECOMMENDED USE RANGE						CHLORINATED	DEFOAMED	METAL PROTECTIVE	FOOD SOIL AND WATER HARDNESS TOLERANCE WITHIN RECOMMENDED RANGE											
					DROPS - LOW	DROPS - HIGH	PERCENT OF CONCENTRATION - LOW	PERCENT OF CONCENTRATION - HIGH	OUNCES PER 10 GALLONS - LOW	OUNCES PER 10 GALLONS - HIGH				LIGHT SOIL; SOFT	LIGHT SOIL; MEDIUM HARD	LIGHT SOIL; HARD	LIGHT SOIL; VERY HARD	MEDIUM SOIL; SOFT	MEDIUM SOIL; MEDIUM HARD	MEDIUM SOIL; HARD	MEDIUM SOIL; VERY HARD	HEAVY SOIL; SOFT	HEAVY SOIL; MEDIUM HARD	HEAVY SOIL; HARD	HEAVY SOIL; VERY HARD
SOLID	SWISHER FREE STRENGTH SOLID DISHMACHINE DETERGENT	6101674 / 4 - 8 LB	P-1	0.05	5	12	0.02	0.06	0.3	0.8	N	N	N	■	■	■	■	■	■	■		■	■	■	
POWDER	SWISHER ENCAPSULATED POWDER DISHMACHINE DETERGENT	6101508 / 4 - 8 lb	P-1	0.07	5	14	0.03	0.10	0.4	1.0	N	N	N	■	■	■	■	■	■	■	■	■	■	■	■
	SWISHER METAL SAFE POWDERED ENCAPSULATED DISHMACHINE DETERGENT	6101429 / 4 - 10 lb	P-1	0.24	4	12	0.10	0.29	1.3	3.9	N	N	Y	■	■			■							
	SWISHER POWDER HOMESTYLE DISHMACHINE DETERGENT	6101394 / 100 - 1.5 oz	**Homestyle use only** - 1.5 oz / load											■										
LIQUID	SWISHER ULTRA LIQUID DISHMACHINE DETERGENT	6101320 / 2 - 1 GAL	P-1	0.14	3	5	0.04	0.07	0.6	1.0	N	N	N	■	■	■	■	■	■	■	■	■	■	■	■
	SWISHER LIQUID CHLORINATED DISHMACHINE DETERGENT	6101329 / 4 - 1 GAL	P-1	0.17	6	10	0.10	0.17	1.3	2.0	Y	N	N	■	■	■		■	■	■		■	■		
	SWISHER LIQUID DISHMACHINE DETERGENT/ SWISHER BIO CLEAN DISHMACHINE DETERGENT	6101255 / 4 - 1 GAL 6101216 / 5 GAL 6101405 / 4 - 1 GAL 6101404 / 5 GAL	P-1	0.18	5	7	0.09	0.13	1.2	1.7	N	N	N	■	■			■	■			■			
	SWISHER LIQUID METAL SAFE DISHMACHINE DETERGENT	6101257 / 4 - 1 GAL	P-1	0.56	7	13	0.39	0.73	5.2	9.7	N	Y	Y*	■	■			■							

■ Shaded Areas = Detergent Use is Applicable

*For Complete Metal Protection, A 0.20% Concentration Must Be Used

Indicator and Titrate
P = Indicator P #014
B = IndicatorB #009
1= 0.1N Hydrochloric Acid or Titrate 1

Chlorine Levels
1 - Most 4 - Least

WATER HARDNESS SCALE	
0-4 GPG - Soft	8 - 12 gpg - Hard
4 - 8 gpg - Medium Hard	12 - 16 gpg - Very Hard

6/13/2017

When using Indicator B, use the 11 mil vial and titrate a blank sample of water without chemical. Titrate the use solution and subtract the water blank from your use solution titration.