



**Presoak HWS**

**PRODUCT CODE:**

D139, D137, D133

**PRODUCT APPLICATION:**

Presoak, Tire & Wheel Cleaner

**DESCRIPTION:**

Specially formulated hard water stable alkaline presoak. Designed for use in high pressure automatics as part of a single or two step application and as a tunnel presoak. Hard water stable up to 7 grains hardness at 200:1 dilution.

**DILUTION RECOMMENDATIONS:**


Presoak  
Tire & Wheel Cleaner

**2x**  
120-240:1  
20-40:1

**2x**

- Step 1:** Fill graduated cylinder to **5 ml.** mark with solution.
- Step 2:** Add **4** drops Indicator **P.** Solution will turn pink.
- Step 3:** Add Titrate **#1** dropwise. Invert tube to mix after each drop.
- Step 4:** Continue adding drops until solution turns colorless.

**Dilution Range:** 500:1 – 16:1  
**Indicator:** P  
**Titrate #:** 1



<u># DROPS</u>	<u>OZ.PER GAL.</u>	<u>RATIO</u>
3	0.26	500:1
4	0.40	322:1
5	0.54	239:1
6	0.67	190:1
7	0.81	158:1
8	0.95	135:1
9	1.09	118:1
10	1.23	104:1
11	1.36	94:1
12	1.50	85:1
13	1.64	78:1
14	1.78	72:1
15	1.92	67:1
16	2.05	62:1
20	2.61	50:1
24	3.16	40:1
32	4.26	30:1
47	6.33	20:1
59	8.00	16:1