

POWER LIQUID

LIQUID MACHINE DETERGENT



Distributed by:
Noble Chemical, Inc.
2205 Old Philadelphia Pike
Lancaster, PA 17602
1-888-256-6400



GENERAL DESCRIPTION:

POWER LIQUID is specially formulated to produce clean and sparkling tableware in both High and Low Temperature dishmachines. POWER LIQUID attains excellent results in light to medium soil conditions where soft to medium water hardness conditions are available. Optimum results can be obtained in temperatures ranging from 120° to 160°F. POWER LIQUID is dispensed directly from the shipping container, thus eliminating messy spills and unsightly dish areas. This unique product is formulated to be dispensed through an automated injector system, assuring the lowest possible use cost. POWER LIQUID cannot be used to wash soft metals such as aluminum or pewter.

PHYSICAL PROPERTIES:

Chemical Composition

Alkaline base; soil and mineral sequestering agents for water conditioning; metal and glaze protectants.

Appearance	Clear red liquid
pH	13.2
pH of 1% solution	11.9
Specific gravity	1.24 (10.3 lbs./gal)
Solubility	Complete and Fast
Stability	1 Year @ Ambient Temperature
Caustic	Present
Foaming	Low
Biodegradable	Yes, all surfactants
Metal Safety	Not safe with soft metals
Water Hardness Tolerance	
	9 Grains Per Gallon at 0.3%
	6 Grains Per Gallon at 0.2%
	3 Grains Per Gallon at 0.1%

RECOMMENDED RANGE OF USE CONCENTRATIONS:

Titrate with Institutional Alkalinity Test Kit. Use range is 0.1% to 0.3%, or 2 to 6 drops (each drop = .05%) using a 10 ml sample and 3 drops of Phenolphthalein Indicator. Select actual use concentration to handle water hardness and soil load.

NOTE: To properly titrate, adjust for raw water alkalinity by titrating H₂O just as you would a detergent solution. Subtract that number from total drop titration to derive intended detergent concentration.

Example: Raw water titrates 2 drops, total drop titration equals 6 drops. (6 - 2 = 4 x .05% = 0.2%)

HANDLING PRECUATIONS:

CAUTION: WARNING KEEP OUT OF REACH OF CHILDREN

Highly alkaline liquid. Contact with skin and eyes may cause severe irritation. Harmful if swallowed. Flood with water if splashed in eyes. Flush with water for 15 minutes and consult physician immediately. If ingested, drink large amounts of milk, milk of magnesia or gelatin, or if these are not available, drink large amounts of water. DO NOT induce vomiting. Obtain prompt medical attention.

PACKAGING:

- (2) 2.5 gal containers - 52 lbs. net / 55 lbs. gross
- (4) 1 gal containers per case- 36 lbs. net/ 38 lbs. gross

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.