

# VALTRON®

## FORMULATED DETERGENTS



### DP304

#### Detergent for Removal of Polishing Slurry

VALTRON® DP304 is a specially formulated, low surface tension, high-purity alkaline detergent developed for removing dried polishing slurries such as cerium oxide, colloidal silica (SiO<sub>2</sub>) as well as other contaminants. VALTRON® DP304 is formulated with a unique blend of low foaming nonionic, and low surface tension amphoteric surfactants. This provides a hydrophilic-lipophilic balance (HLB) necessary to emulsify and remove the most difficult slurry residue and prevent re-deposition of contaminants while maintaining excellent rinsability characteristics.

#### UNIQUE FEATURES

- 0.2 Micron Filtration
- Fast, Effective Penetration and Removal of Polishing Slurries
- Unique Blend of Nonionic and Amphoteric Surfactants
- Contains No Silicates
- Biodegradable

#### APPLICATION

VALTRON® DP304 detergent is designed to be used in ultrasonics, scrubbing and immersion soak cleaning processes. The detergent is supplied in a liquid concentrate for dilution with water. Deionized water is recommended. Typical dilution rates are 1.0% - 13.0% by volume, but may vary depending upon the type and quantity of contamination being removed as well as the cleaning process.


#### PACKAGING

VALTRON® DP304 detergent is available in 5 gallon pails and 55 gallon drums.



#### TYPICAL PHYSICAL PROPERTIES

Appearance	Clear, amber liquid
Specific Gravity 60°F (15.6°C)	1.314
pH (concentrate)	13.5 +/-0.5
pH (1.0% solution)	12.67
Cloud Point (1%, v/v)	Clear up to 212°F (100°C)


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