



# Global Specialty Products

USA, Inc

## OPTIMA™ - 2000GP AQUEOUS CLEANER

An Industrial cleaner for the removal of  
INKS, ADHESIVES, LATEX POLYMERS,  
GREASE, OILS & CUTTING FLUIDS

### INCREASE PRODUCTIVITY:

Extremely effective in removing water, solvent and uv-cured inks, as well as adhesives, latex polymers, grease, oils and cutting fluids.

### EASY TO USE:

Use full strength or dilute down with water 4 -12% . Easy to rinse,  
Suitable for use in spray or ultrasonic.

### ENVIRONMENTALLY FRIENDLY:

The product contains NO Mineral Spirits, Phenols, Acetone, MEK, Xylene, Toluene or Methylene Chloride. No SARA Title 313 Reporting.

### WORKER FRIENDLY:

Non-carcinogenic, non-mutagenic, non-teratogenic and biodegradable.

### LOWER INSURANCE PREMIUMS:

It is non-flammable, non-combustible and contains no ozone depleting chemicals.

### WIDE MATERIAL COMPATIBILITY:

Compatible and non corrosive on various metals, plastics, glass and ceramics.

## TYPICAL PROPERTIES

<b>Appearance</b>	Clear Yellow Liquid	<b>Flash Point (°F)</b>	>200
<b>Odor</b>	Mild	<b>Surface Tension</b> (dynes/cm)	24
<b>pH (Full Strength)</b>	11.5 - 11.9	<b>Ideal Operating Temp (°F)</b>	110 - 160
<b>pH (10% solution in water @ 68 °F)</b>	10.8 - 11.0	<b>Ideal Operating Concentration</b>	5 - 15%
<b>Specific Gravity (@ 68 °F)</b>	1.070 - 1.080	<b>Weight/Gal. (lbs. /gal.)</b>	9.0

## CLEANING PROCESS:

**OPTIMA™ - 2000GP AQUEOUS CLEANER** is supplied as a liquid concentrate. Use this product full strength or diluted down 5 - 15% concentration with water at an operating temperature range of 110°F - 160°F. Hand wipe, solution spray, mechanical, or ultrasonic agitation is used to enhance the cleaning action. For dry latex polymers, adhesives, inks, cutting oils, grease, lapping & drawing compounds, soak the parts until residues are removed. Parts can be wiped with a damp rag or rinsed off with warm water.

## SOILS REMOVED:

Water/Solvent, UV-Cured Inks	Lapping & Drawing Compounds
Vinyl Inks	Sulfur Based Cutting Fluids
Adhesives	Grease & Lithium Grease
Latex Polymers	Automotive, Mineral, Vegetable and Polybutane Oils
Cosmetolines, Lipstick	Lapping & Drawing Compounds

## SUBSTRATE METALS:

**OPTIMA™ - 2000GP AQUEOUS CLEANER** is formulated specifically for cleaning stainless steel, carbon steel and aluminum alloys. However, it is also suitable for cleaning all other ferrous and non-ferrous metals.

**NOTE: FOR MAGNESIUM, TIN, BRASS AND COPPER ALLOYS,  
DO NOT EXCEED OPERATING TEMPERATURE OF 135 °F.**

## DISPOSAL:

Solutions containing hazardous or non hazardous soils should be handled and treated according to Federal, State and Local Environmental Laws. Even though **OPTIMA™ - 2000GP AQUEOUS CLEANER** is biodegradable, the spent material should not be disposed of in any sewerage system. The used material should be characterized and discharged according to Federal, State and Local Regulations.

## STORAGE/PACKAGING:

Packaged in HDPE UN Rated 5 gallon pails, 55 gallon drums and 275 totes. The product should be kept in its original container above freezing and less than 120 °F. Store drums in a dry area.

## HMIS RATING:

**Health 1                      Fire 0                      Reactivity 0**