

# OPTIMA|2000GP™

## Low Foaming Aqueous Cleaner

### OPTIMA|2000GP™ Low Foaming Aqueous Cleaner

Is an Environmentally Sensible, heavy duty, Low to Moderate Foaming industrial ink & adhesive remover. Ideal Replacement for Caustic and Phenolic Detergents, Chlorinated Hydrocarbon Solvents, Mineral Spirits, Terpenes, Alcohol, Ketones, Acetates, Glycol Ethers and Flammable Hydrocarbons.

This unique cleaner is Biodegradable, non-toxic, Low VOC, mildly alkaline non-combustible, no ODCs, Neutral pH, non-corrosive, non-HAPs. It contains a full corrosion inhibition package which provides high performance and extended bath life (high ink loading - can be used for an extended period). Compatible & Non Corrosive on Various Metals, Plastics, Glass & Ceramics

It removes all types of water-based, UV-cured, polymeric and vinyl inks, adhesives, latex polymers (acrylic), grease, oil, cutting fluids, and lapping & drawing compounds. It is formulated specifically for cleaning stainless steel, carbon steel, aluminum alloys and all other ferrous and non-ferrous metals, as well as polycarbonate plastics. Ideal in Immersion Cleaning with or without ultrasonic, spray under Immersion, In-Line Spray, Low - High Spray and Tumblers.

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Use **Full Strength** (or diluted down 8 - 15% concentration water) at 110 °F - 160 °F. Hand wipe, low pressure spray, mechanical, or ultrasonic cavitation is used to enhance the cleaning action. For dry inks, latex polymers, adhesives, cutting oils, grease, lapping & drawing compounds, soak the parts until residues are removed. Parts can be wiped with a damp cloth or rinsed with warm water. Can also be applied by hand using **GO GREEN™ Saturated Wipes**.

### Typical Properties

Appearance:	Clear liquid - Concentrated
Flash Point:	>200 Seta Flash
Odor:	Mild
pH (10% solution in water @ 68 °F):	10.80 - 11.00
Surface Tension (dynes/cm 24)	24
Ideal Operating Temp (°F):	110 °F - 160 °F
Ideal Operating Concentration:	8 - 15%
Specific Gravity:	1.075 - 1.080 (@68 °F)
VOC Content (ASTM D-2369, Method 24)	0.87 lbs/gal. or (104.3 mg/liter)
Weight/Gal.	9.00 (lbs. /gal.)
Product #	02-W049554

### Safety & Handling Precautions

Refer to Safety Data Sheet prior to use

Direct contact of **OPTIMA | 2000GP™ Low Foaming Aqueous Cleaner** will cause a strong skin or eye irritation, it is important to utilize recommended gloves (Use Natural Rubber Gloves when handling this product), safety goggles and other suitable protective clothing your company recommends. Harmful if inhaled or swallowed. Use product with adequate ventilation. Do Not take internally. Keep out of reach of children; If splashed in eyes or on skin, wash off with plenty of water. If swallowed remove from exposure area Never give anything by mouth to an unconscious person Get medical advice/attention. (Refer to SDS Section 4 First Aid Measures.)



## Disposal

Even though **OPTIMA | 2000GP™ Low Foaming Aqueous Cleaner** is biodegradable, the spent material should not be disposed of in any sewerage system. Solutions containing hazardous or non hazardous coatings and other soils should be handled and treated according to Federal, State and Local Environmental Laws. Discharge your waste and rinse water according to Federal, State and Local Regulations.

## HMIS Rating

Health	1
Fire	0
Reactivity	0

## Packaging & Storage

HDPE UN Rated  
1 & 5 gallon pails  
55 gallon drums / 275 gallon Totes  
**GO GREEN™ Saturated Wipes 75 wipes/Re-Usable Canister**

This product should be kept in its original container above freezing and less than 100 °F.  
**Store drums in a dry area.**

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