



GSP

GLOBAL SPECIALTY PRODUCTS USA INC.

OPTIMA|2000GPTM

Low Foaming Aqueous Cleaner

Applications

OPTIMA|2000GPTM AQUEOUS CLEANER is an Environmentally Sensible, heavy duty, **Low to Moderate Foaming**, non-flammable, non-hazardous, mildly alkaline **Industrial Ink & Adhesive Remover** with full corrosion inhibition package and Extended Bath Life. 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.

General Properties

OPTIMA|2000GPTM AQUEOUS CLEANER is supplied as a liquid concentrate and conforms to standards set for environmental considerations. Ideal Replacement for Caustic and Phenolic Detergents, Chlorinated Hydrocarbon Solvents, Mineral Spirits, Terpenes, Alcohol, Ketones, Acetates, Glycol Ethers and Flammable Hydrocarbons.

Compatible & Non Corrosive on Various Metals, Plastics, Glass & Ceramics

Cleaning Process

OPTIMA|2000GPTM AQUEOUS CLEANER Should be used **full strength OR diluted down 8 - 15% concentration with water at an operating temperature range of 110°F - 160°F (MAXIMUM OPERATING TEMPERATURE 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 GREENTM Saturated Wipes.

USE NATURAL RUBBER GLOVES WHEN HANDLING THIS PRODUCT

Environmentally Safe

No SARA Title 313 Reporting

Superb Performance

Residue Free

Biodegradable

Non-HAPs

Non - Combustible

Low VOC

No ODCs

Non - Flammable

Lower Insurance Premiums

Non - Corrosive

Low Order of Toxicity



Typical Properties

Appearance:	Clear liquid - Concentrated
Flash Point:	>200 Seta Flash
Odor:	Mild
Surface Tension (dynes/cm 24) (water = 1.0):	24
pH (Full Strength):	11.50 - 11.70
pH (10% solution in water @ 68 °F):	10.80 - 11.00
Ideal Operating Temp (°F):	110°F - 160°F
Ideal Operating Concentration:	8 - 15%
Specific Gravity:	1.070 - 1.080 (@ 68 °F)
Weight/Gal.	9.00 (lbs. /gal.)

Safety and Handling Precautions

Direct contact of **OPTIMA|2000GP™ AQUEOUS CLEANER** will cause a strong skin or eye irritation, it is important to utilize recommended gloves (18 mil thick natural rubber), safety goggles and other suitable protective clothing your company recommends. Harmful if inhaled or swallowed. Do Not take internally. Keep out of reach of children; **Use product with adequate ventilation.** If splashed in eyes or on skin, wash off with plenty of water. If swallowed remove from exposure area, do not induce vomiting, washout mouth thoroughly with water and drink several glasses of water. Keep at rest. Call a physician immediately. **Refer to material safety data sheet prior to use.**

Disposal

Solutions containing hazardous or non-hazardous, inks, adhesives, coatings and other 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.** Discharge your waste and rinse water according to Federal, State and Local Regulations.

Packaging / Storage

Packaged in HDPE UN Rated 1 and 5 gallon pails, 55 gallon drums and 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.

HMIS Rating

Health 1 Fire 0 Reactivity 0

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