

# OPTIMA | 100GP<sup>TM</sup>

## AQUEOUS DEGREASER

Approved by United Technologies  
Sikorsky Aircraft: Specifications SS8423  
Suitable for other applications required by military,  
sub-contractors and commercial aircrafts.

### OPTIMA | 100<sup>TM</sup> GP Aqueous Degreaser

Is an Environmentally Sensible, biodegradable, heavy duty, non-combustible, non-hazardous, mildly alkaline, low foaming, residue free aqueous degreaser. 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, polycarbonate plastics and glass substrates.

It contains a full Corrosion Inhibition Package and Rinse Aid Technology which provides high performance and extended bath life. Compatible & Non Corrosive on Various Metals, Plastics, Glass & Ceramics. Suitable for use in ultrasonic immersion washers, high pressure spray, spray under immersion, tumblers, etc.

**Non-Corrosive • Mild odor • Low VOC's • Non HAPs  
No ODC's • No SARA Title 313 Reporting  
Low Rate of Evaporation**

**This product does not contain any chemicals known to  
State of California to cause cancer, birth defects, or any  
other reproductive harm.**

#### Soils Removed:

- ~ Grinding, Finishing & Polishing Compounds
- ~ Finger Prints & Particles
- ~ Automotive, Mineral Vegetable & Polybutane Oils
- ~ Cosmolines, Lipstick & Cycloparaffins
- ~ Acrylic Latex Polymers & Adhesives
- ~ Sulfur Based Cutting Fluids / Lapping & Drawing Compounds
- ~ Crater & Lithium Grease
- ~ Water/Solvent Based Inks

#### Application

Use Natural Rubber Gloves when handling this product

**OPTIMA | 100<sup>TM</sup> GP Aqueous Degreaser** is supplied as a liquid concentrate. Use diluted down 8 - 15% concentration with water at 110 °F - 160 °F (maximum 160 °F). Hand wipe, solution spray, mechanical, or ultrasonic agitation is used to enhance the cleaning action. For dry oil, grease, polymers, adhesives or inks, soak the parts until residues are removed. Parts can be wiped with a damp cloth or rinsed off with warm water. Use filtered hot air to dry out the parts.

To prevent parts from flash rusting in the rinse tank Use **SOLO | RI<sup>TM</sup> Short Term Aqueous Rust Inhibitor** at 1 - 2 % concentration at 110 °F.

**NOTE: For Magnesium, Tin, Brass, and Copper Alloys - Do not exceed operating temperature of 135 °F.**

#### Typical Properties

Appearance:	Clear liquid - Concentrated
Flash Point:	>200 Seta Flash
Odor:	Mild
pH (Full Strength):	11.50 - 11.70
pH (10% solution in water @ 68 °F):	10.80 - 11.00
Surface Tension (dynes/cm 24) (water = 1.0):	24
Ideal Operating Temp (°F):	110 °F - 160 °F
Ideal Operating Concentration:	8 - 15%
Specific Gravity:	1.070 - 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-W019551



## Safety & Handling Precautions

Refer to Safety Data Sheet prior to use

Direct contact of **OPTIMA | 100™ GP Aqueous Degreaser** will cause a skin irritation or serious 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

Refer to Safety Data Sheet prior to disposal

**OPTIMA | 100™ GP Aqueous Degreaser** 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.

## Packaging & Storage (HDPE UN Rated):

1 Gallon Jugs / 5 Gallon Pails /  
275 Gallon Totes / 55 Gallon Steel  
Drums (closed cap)

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

---

### Global Specialty Products - USA, Inc.

10 Eagle Avenue, Suite 500 - Mount Holly, New Jersey 08060-1649  
Phone: 609-518-7577 Fax: 609-518-5277 www.gsp-usa-inc.com

3/21/2017