

OPTIMA | 100GP™

Aqueous Degreaser

CONCENTRATED LIQUID

Approved by
Lockheed Martin / United Technologies
Sikorsky Aircraft
Specification # SS8423 - UTC

ENVIRONMENTAL

- ☞ LOW VOC
- ☞ Non-Flammable
- ☞ Non-Hazardous
- ☞ Non-Corrosive
- ☞ Biodegradable
- ☞ Non-Toxic
- ☞ None of the Ingredients are listed on (CA PROP 65)
- ☞ Non-HAPs
- ☞ REACH Compliant
- ☞ No SARA 313 Ingredients

TYPICAL PROPERTIES

Appearance:	Clear liquid - Concentrate
Flash Point: (Seta Flash)	>200 °F
Odor:	Mild
pH (full strength):	11.50 - 11.70
pH (10% solution in water @ 68°F):	10.80 - 11.00
Vapor Pressure (components)	≤ 0.02 mmHg @ 20 °C (68 °F)
Surface Tension (dynes/cm) (water = 1.0)	24
Ideal Operating Temp	110 - 160 °F
Ideal Operating Concentration	8 - 15%
Specific Gravity @ (68°F)	1.070 - 1.080
Weight/Gal. (lbs. /gal.)	9.0
VOC Content (ASTM D-2369, Method 24)	0.87 lbs./gal or 104.3 grams/liter
HMIS Rating	Health = 1 Fire = 0 Reactivity = 0
Product #	02-W019551

It is a non-emulsifying, heavy-duty, multi-substrate, low foaming, residue-free concentrated liquid detergent. Suitable for OEM including Aerospace, Automotive, Locomotive and sub-contractors.

It contains a complete corrosion inhibition package and rinse aid technology, which provides high performance and extended bath life. This non-emulsifying degreaser allows the oils and cutting fluids to separate from the parts; this can be skimmed off quickly, resulting in a much longer bath life.

Safe on stainless steel, carbon steel, aluminum, and aluminum alloys, copper and copper alloys, polycarbonate plastics, and glass substrates. Suitable in an Immersion Tank, Immersion with Ultrasonic Cavitation, Spray under Immersion, High Pressure Cabinet Washer, or hand wipe.

Ideal replacement for Mineral Spirits, 1,1,1 Trichloroethane, Perchloroethylene, Freon TF 1,1,2-Trichloro-1,2,2-trifluoroethane Chlorofluorocarbon), MEK, and NMP based formulations.

It effectively cleans and degreases metal parts covered with;

- ⇒ Synthetic Lubricants, Sulfur-based Cutting Fluids
- ⇒ Automotive, Mineral, Vegetable, and Polybutane Oils
- ⇒ Grinding, Finishing, and Polishing Compounds
- ⇒ Cosmolines, Lipstick, and Cycloparaffins
- ⇒ Crater and Lithium Grease
- ⇒ Lapping and Drawing Compounds
- ⇒ Water and Solvent-based Inks, Adhesives, and Resins
- ⇒ Fingerprints and Particles
- ⇒ Polymeric Compounds

Application

Use diluted 8 - 15% concentration with water at 110 °F - 160 °F (maximum), in an Immersion Tank, Immersion with Ultrasonic Cavitation, Spray under Immersion, or High Pressure Cabinet Washer. Parts can be rinsed off with warm water and dried with filtered hot air.

To prevent parts from flash rusting in the rinse tank use **SOLO | RI™ Aqueous Rust Inhibitor** at 1-2% concentration at 110 °F .

For QUICK hand wipe applications, use **OPTIMA | 100GP™ Aqueous Degreaser GO GREEN™ Wipes**.



SAFETY&HANDLING PRECAUTIONS

Refer to SDS for additional safe handling & disposal

Direct contact of **OPTIMA | 100GP™ Aqueous Degreaser** 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 SDS for additional safe handling & disposal

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 EasyPour Jugs
5 Gallon Pails
55 Gallon Steel Drums (closed cap)
GO GREEN™ Wipes in an "Easy Carry Bucket"
(90 / 12" x 12" Polypropylene Saturated Wipes)

Freight easily shipped via local carriers ground or LTL.

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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