

# OPTIMA|300™ Aqueous Resin Emulsifier

## Concentrated Aqueous Resin Emulsifier

### ENVIRONMENTAL

- ⊗ Biodegradable
- ⊗ Non-Toxic
- ⊗ Non-Combustible
- ⊗ Non-Hazardous
- ⊗ Reduced VOC - No Solvents
- ⊗ DOES NOT contain raw materials known to the State of California (Prop 65) to cause cancer, birth defects or other reproductive harm
- ⊗ DOES NOT contain raw materials listed on SECTION 112(b) of HAPs List
- ⊗ REACH Compliant - Does NOT contain raw materials listed on REACH Annex
- ⊗ No SARA 311, 312, 313 Ingredients

### OPTIMA | 300™ Resin Emulsifier

Is a concentrated liquid (non-caustic) Resin Emulsifier. Free of Organic Solvents.

An Environmentally Sensible, biodegradable, heavy-duty, mildly alkaline Resin Emulsifier. It contains a complete corrosion inhibition package that provides high performance and extended bath life (high resin loading - can be used for an extended period). Compatible and non-corrosive on Various metals, plastics, glass and ceramics.

Effectively removes recently cured and uncured polyester, epoxy, latex polymers, coating and adhesives, and polyurethane foam build-up on process equipment. It is ideal for simple immersion tank, ultrasonic, agitated batch washer, or even high-pressure spray washer applications. The emulsifying formula can be used effectively with a 25 -100 micron filter to allow extended product life.

### Features & Benefits

- ⊗ Designed to specifically replace Acetone, MEK, Methylene Chloride, and caustic-based cleaners
- ⊗ Residue-Free – Easy to Rinse
- ⊗ Long-term Bath Life - Offers resin loading (resulting in reduced disposal costs)
- ⊗ The emulsifying formula can be used effectively with a 25 - 100 micron filter
- ⊗ Compatible with all cleaning machines (safe on all O-rings and gaskets)
- ⊗ Non-Corrosive (safe on all Ferrous and non-Ferrous metals) Stainless Steel, Carbon Steel and Aluminum Alloys
- ⊗ Does not damage the substrate
- ⊗ As safe and effective as its sister formula **OPTIMA 2000 FG™ Aqueous Cleaner** (NSF Registered)

### Application

Use Full Strength or (diluted 8 - 15% concentration with water) at 110 °F - 145 °F.

Hand wipe, low-pressure spray, mechanical or ultrasonic cavitation enhance the cleaning action.

For dry resins and foam (use 50% concentration – heated at 150 °F), soak the parts until the residue is removed. Parts can be wiped with a damp cloth or rinsed off with warm water. The emulsified residue will separate at the bottom of the container or tank, where it will not interfere with the cleaning process. Use Natural Rubber Gloves when handling this product.

For hand wipe applications, use **GO GREEN™ Wipes** Saturated with **OPTIMA | 300™ Resin Emulsifier**.



### TYPICAL PROPERTIES

<b>Appearance:</b>	<b>Clear liquid</b>
<b>Flash Point: (Seta Flash)</b>	<b>&gt;200 °F</b>
<b>Odor:</b>	<b>Mild</b>
<b>pH (full strength):</b>	<b>11.50 - 11.70</b>
<b>pH (10% solution in water @ 68°F):</b>	<b>10.80 - 11.00</b>
<b>Vapor Pressure (components)</b>	<b>≤ 0.02 mmHg @ 20 °C (68 °F)</b>
<b>Surface Tension (dynes/cm) (water = 1.0)</b>	<b>24</b>
<b>Ideal Operating Temp</b>	<b>110 - 145 °F</b>
<b>Ideal Operating Concentration</b>	<b>8 - 15%</b>
<b>Specific Gravity @ (68°F)</b>	<b>1.075 - 1.080</b>
<b>Weight/Gal. (lbs. /gal.)</b>	<b>9.0</b>
<b>VOC Content (ASTM D-2369, Method 24)</b>	<b>0.34 lbs./gal or 40.62 grams/liter</b>
<b>HMIS Rating</b>	<b>Health = 1 Fire = 0 Reactivity = 0</b>
<b>Recycling Parameters (Vacuum Distillation) @ 27 mm Hg pressure</b>	<b>300°F</b>
<b>Product #</b>	<b>02-W039553</b>

## SAFETY&HANDLING PRECAUTIONS

Refer to SDS for additional safe handling & disposal

**Direct** contact of **OPTIMA | 300™ Resin Emulsifier** 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 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.**



10 Eagle Avenue - Suite 500 - Mount Holly, NJ 08060  
Phone: 609-518-7577 / Fax: 609-518-5277