



# Global Specialty Products

USA, Inc

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## OPTIMA™ - 300 Resin Emulsifier

Zero VOC

Aqueous Based - Non Corrosive - Biodegradable  
Liquid Emulsifier for Resins, Polymers & Polyurethane Foam  
with Corrosion Inhibition Package

### APPLICATION:

**OPTIMA™ – 300 RESIN EMULSIFIER** is a heavy duty, non-flammable, non-hazardous, environmentally sensible, mildly alkaline resin remover. Designed specifically to replace acetone, MEK, methylene chloride and caustic based cleaners for the removal of cured and uncured polyester, epoxy, latex polymers, coating and adhesives as well as polyurethane foam build-up on process equipment. **OPTIMA™ – 300** is ideal for use in a 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. It is completely free of organic solvents and conforms to standards set for environmental considerations.

### PRODUCT ATTRIBUTES:

- ? **MILD PH, USER FRIENDLY & BIODEGRADABLE**
- ? **EFFECTIVE, SUPERIOR CLEANING RESULTS**
- ? **COST EFFECTIVE**
- ? **NON-FLAMMABLE, NON-COMBUSTIBLE, ENVIRONMENTALLY FRIENDLY**
- ? **NO BUTYL CELLOSOLVE, CAUSTIC SODA OR CYCLIC AMINES**
- ? **NO ACETONE, MEK OR METHYLENE CHLORIDE**
- ? **SUITABLE FOR USE IN IMMERSION OR SPRAY CLEANING EQUIPMENT**
- ? **EASY TO HANDLE & DISPOSE OF - SIMPLE TREATMENT EFFLUENT**
- ? **NON-CARCINOGENIC**

## TYPICAL PROPERTIES

<b>Appearance</b>	Clear Yellow Liquid	<b>Flash Point (°F)</b>	>200
<b>Odor</b>	Mild	<b>Surface Tension</b> (dynes/cm)	24
<b>pH</b> (10% solution in water @ 68 °F)	10.5 - 10.7	<b>Ideal Operating Temp (°F)</b>	110 - 160
<b>pH</b> (Full Strength)	10.8 - 11.0	<b>Ideal Operating Concentration</b>	10 - 50%
<b>Specific Gravity</b> (@ 68 °F)	1.07 - 1.08	<b>Weight/Gal.</b> (lbs. /gal.)	9.0

### CLEANING PROCESS:

**OPTIMA™ - 300 RESIN EMULSIFIER** is supplied as a liquid concentrate. Use this product full strength or diluted down 10% - 50% concentration with water at an operating temperature range of 100 °F - 160 °F. Hand wipe or simple immersion with mechanical agitation is used to enhance the cleaning action. For dry resins and foams (use 50% concentration – heated at 150 °F ), soak the parts until residues are removed. Parts can be wiped with a damp rag or rinsed off with heated water. The emulsified residue will separate to the bottom of the container or tank where it will not interfere with the cleaning process.

### DISPOSAL:

Solutions containing hazardous and non-hazardous soils should be handled according to Federal, State and Local Environmental laws. Even though, **OPTIMA™ - 300** is a biodegradable water-based cleaner, the spent material should not be disposed of in any sewerage system. Neutralize the spent material, screen out solids and discharge according to you local sanitary district for the proper disposal.

**Please refer to MSDS for further details.**

### PACKAGING/STORAGE:

Packaged in HDPE UN Rated 5 gallon pails, 55 gallon drums and 275 gallon totes. The 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