



Global Specialty Products

USA, Inc

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

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

WASTE DISPOSAL: **OPTIMA - 300 Resin Emulsifier** is non-hazardous. It contains no VOC's , NO ODC's, No Glycol Ethers, completely water-miscible and biodegradable. The product is non-reactive, non-corrosive and is easy to dispose of. Small quantities (virgin material), may be disposed of in sewer. Large quantities should be disposed of in accordance with Local Ordinances for detergent products. The **OPTIMA - 300** containing any questionable hazardous materials should be characterized for heavy metals, ions and VOC's and disposed of according to Federal, State and Local Regulations which may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. GSP HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION. **Please refer to MSDS for further details.**

HMIS Rating:

Health 1 Fire 0 Reactivity 0

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