



Global Specialty Products

USA, Inc

OPTIMATM - 100_{GP} AQUEOUS DEGREASER

**ZERO VOC – HEAVY DUTY AQUEOUS DEGREASER FOR
METAL, PLASTIC & GLASS SURFACES**

ENHANCED WORKER SAFETY - ENVIRONMENTAL FRIENDLY

EXTENDED BATH LIFE - INCREASE PRODUCTIVITY:

Extremely effective in removing a variety of soils from ferrous and non ferrous metals, polycarbonate plastics and glass substrates.

SOILS REMOVED:

Grinding, Finishing & Polishing Compounds
Water/Solvent Based Inks
Automotive, Mineral Vegetable & Polybutane Oils
Cosmolines, Lipstick & Cycloparaffins
Acrylic Latex Polymers

Crater & Lithium Grease
Finger Prints & Particles
Sulfur Based Cutting Fluids
Lapping & Drawing Compounds
Adhesives

EASY TO USE - NO RESIDUES FOLLOWING RINSE:

Use full strength or dilute down with water 10 - 50% by volume, easy to rinse.

ENVIRONMENTALLY FRIENDLY - NON FLAMMABLE - BIODEGRADABLE:

NO Mineral Spirits, Phenols, Butyl Cellosolve, Acetone,
MEK, Xylene, Toluene or Methylene Chloride

No VOC's, SARA Title 313 or HAPPS Reporting
Minimum safety, handling & storage is required

WORKER FRIENDLY:

Non-carcinogenic, non-mutagenic, non-teratogenic

LONG TERM RUST PROTECTION - WIDE MATERIAL COMPATIBILITY:

Compatible and non corrosive on various metals, plastics, glass and ceramics

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 - 11.0	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™ - 100GP AQUEOUS DEGREASER is supplied as a liquid concentrate. Use this product diluted down with water 10 - 50% concentration by volume, at an operating temperature range of 110°F - 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 rag or rinsed off with warm water. Use filtered hot air to dry out the parts. **To obtain a long-term rust protection, use OPTIMA™ - 100GP at 50% concentration and at 140°F and DO NOT RINSE.**

SUBSTRATE METALS:

OPTIMA™ - 100GP AQUEOUS DEGREASER is 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.

**NOTE: FOR MAGNESIUM, TIN, BRASS AND COPPER ALLOYS
DO NOT EXCEED OPERATING TEMPERATURE OF 135 °F.**

DISPOSAL:

Solutions containing hazardous or non hazardous soils should be handled and treated according to Federal, State and Local Environmental Laws. Even though **OPTIMA™ - 100GP AQUEOUS DEGREASER** is biodegradable, the spent material should not be disposed of in any sewerage system. The used material should be characterized and discharged according to Federal, State and Local Regulations.

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