



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 - BIODEGRADABLE

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 8 - 15% 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	8 - 15%
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 8 - 15% 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 160°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:

WASTE DISPOSAL: **OPTIMA™ - 100GP AQUEOUS DEGREASER** 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™ - 100GP** 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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