



# GSP

GLOBAL SPECIALTY PRODUCTS USA INC.

## OPTIMA|2001CR<sup>TM</sup>

### Aqueous Carbon Remover & Degreaser

#### Applications

---

**OPTIMA|2001CR<sup>TM</sup> Aqueous Carbon Remover & Degreaser** is an Environmentally Sensible, heavy duty, non-flammable, non-hazardous, mildly alkaline aqueous carbon remover and degreaser. The product carries a complete corrosion Inhibition package and rinse aid technology. Formulated specifically for cleaning stainless steel, carbon steel, aluminum alloys and all other ferrous and non ferrous metals. Cleans all Types of soils including sulfur based cutting fluids, adhesives, carbon, dirt, oils, grinding, finishing & polishing compounds, water & solvent based inks Carbon, Dirt, Cutting Fluids.

#### General Properties

---

**OPTIMA|2001CR<sup>TM</sup>** is supplied as a liquid concentrate and conforms to standards set for environmental considerations. Designed specifically to replace caustic and phenolic cleaners. Compatible & Non Corrosive on Various Metals, Plastics, Glass & Ceramics

#### Cleaning Process

---

**OPTIMA|2001CR<sup>TM</sup> AQUEOUS Carbon Remover & Degreaser** should be used **full strength OR diluted down 8 - 15% concentration with water at an operating temperature range of 110°F - 160°F (MAXIMUM OPERATING TEMPERATURE 160 °F)**. Hand wipe, solution spray, mechanical, or ultrasonic agitation is used to enhance the cleaning action. For carbon, 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.

Can also be applied by hand using **GO GREEN<sup>TM</sup> Saturated Wipes**.

**USE NATURAL RUBBER GLOVES WHEN HANDLING THIS PRODUCT**

#### Environmentally Safe

No SARA Title 313 Reporting

Superb Performance

Residue Free

Biodegradable

Non-HAPs

Non - Combustible

Low VOC

No ODCs

Non - Corrosive

Low Order of Toxicity



## Typical Properties

---

Appearance:	Clear liquid - Concentrated
Flash Point:	>200 Seta Flash
Odor:	Mild
Surface Tension (dynes/cm 24) (water = 1.0):	24
pH (Full Strength):	11.50 - 11.70
pH (10% solution in water @ 68 °F):	10.80 - 11.00
Ideal Operating Temp (°F):	110°F - 160°F
Ideal Operating Concentration:	8 - 15%
Specific Gravity:	1.070 - 1.080 (@ 68 °F)
Weight/Gal.	9.00 (lbs. /gal.)

## Safety and Handling Precautions

---

Direct contact of **OPTIMA|2001CR™ Aqueous Carbon Remover & Degreaser** will cause a strong **skin or eye irritation**, it is important to utilize recommended gloves (18 mil thick natural rubber), safety goggles and other suitable protective clothing your company recommends. Harmful if inhaled or swallowed. Do Not take internally. Keep out of reach of children; **Use product with adequate ventilation**. If splashed in eyes or on skin, wash off with plenty of water. If swallowed remove from exposure area, do not induce vomiting, washout mouth thoroughly with water and drink several glasses of water. Keep at rest. Call a physician immediately.  
**Refer to material safety data sheet prior to use.**

## Disposal

---

Solutions containing hazardous or non-hazardous soils should be handled and treated according to Federal, State and Local Environmental Laws. Even though **OPTIMA|2001CR™** is biodegradable, **the spent material should not be disposed of in any sewerage system**. Discharge your waste and rinse water according to Federal, State and Local Regulations.

## Packaging / Storage

---

Packaged in HDPE UN Rated 1 and 5 gallon pails, 55 gallon drums and 275 gallon totes.  
**GO GREEN™ Saturated Wipes 75 wipes/Re-Usable Canister**  
This 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

---

### Global Specialty Products - USA, Inc.

10 Eagle Avenue, Suite 500 - Mount Holly, New Jersey 08060-1649  
Phone: 609-518-7577 Fax: 609-518-5277      www.gsp-usa-inc.com

MAY 2015