

OPTIMA | 2001 CRTM

Aqueous Carbon Remover & Degreaser

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Is an Environmentally Sensible, biodegradable, heavy duty, non-combustible, non-hazardous, mildly alkaline aqueous carbon remover and degreaser. Designed specifically to replace caustic and phenolic cleaners. It contains a full Corrosion Inhibition Package and Rinse Aid Technology which provides high performance and extended bath life.

Formulated specifically for removing all types of soils on stainless steel, carbon steel and aluminum alloys and also all other ferrous and non ferrous metals. Compatible & Non Corrosive on Various Metals, Plastics, Glass & Ceramics. Suitable for use in ultrasonic immersion washers, high pressure spray, spray under immersion, tumblers, etc.

**Non-Corrosive • Mild odor • Low VOC's • Non HAPs
No ODC's • No SARA Title 313 Reporting
Low Rate of Evaporation**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Soils Removed:

- ~ Grinding, Finishing & Polishing Compounds
- ~ Carbon / Dirt / Oils
- ~ Sulfur Based Cutting Fluids
- ~ Adhesives
- ~ Water/Solvent Based Inks

Application

Use Natural Rubber Gloves when handling this product

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Should be used **Full Strength** or **diluted down 8 - 15% concentration with water** at **110 °F - 160 °F (maximum 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 cloth or rinsed off with warm water. Use filtered hot air to dry out the parts.

Can also be applied by hand using GO GREENTM Saturated Wipes.

Typical Properties

Appearance:	Clear liquid -
Flash Point:	>200 Seta Flash
Odor:	Mild
pH (Full Strength):	11.50 - 11.70
pH (10% solution in water @ 68 °F):	10.80 - 11.00
Surface Tension (dynes/cm 24) (water = 1.0):	24
Ideal Operating Temp (°F):	110 °F - 160 °F
Ideal Operating Concentration:	8 - 15%
Specific Gravity:	1.075 - 1.080 (@68 °F)
VOC Content (ASTM D-2369, Method 24)	0.87 lbs/gal. or (104.3 mg/liter)
Weight/Gal.	9.00 (lbs. /gal.)
Product #	02-W059555



Safety & Handling Precautions

Refer to Safety Data Sheet prior to use

Direct contact of **OPTIMA | 2001 CR™** will cause a **skin irritation or serious eye irritation**, it is important to utilize recommended gloves (Use Natural Rubber Gloves when handling this product), safety goggles and other suitable protective clothing your company recommends. Harmful if inhaled or swallowed. **Use product with adequate ventilation. Do Not take internally.** Keep out of reach of children; If splashed in eyes or on skin, wash off with plenty of water. If swallowed remove from exposure area. Never give anything by mouth to an unconscious person. Get medical advice/attention. (Refer to SDS Section 4 First Aid Measures.)

Disposal

Refer to Safety Data Sheet prior to disposal

Even though **OPTIMA | 2001 CR™** is *biodegradable, the spent material should not be disposed of in any sewerage system. Solutions containing hazardous or non-hazardous coatings and other soils should be handled and treated according to Federal, State and Local Environmental Laws. Discharge your distill bottom and screened out solids according to Federal, State and Local Regulations. *Per OSHA & EPA regulations.

Packaging & Storage

HDPE UN Rated

1 & 5 gallon pails

55 gallon drums

GO GREEN™ Saturated Wipes
(90 Polypropylene Wipes 12" x 12" / Bucket)

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

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