



Product Application & Results

1997 American Blvd. • P.O. Box 5606 • De Pere, WI 54115-5606 • 920-337-2175 • Fax: 920-337-9410

PRODUCT: **Release Ultra®** **STOCK # 95110**

Description: A MULTI-PURPOSE CLEANER & DEGREASER: Highly concentrated liquid cleaner and degreaser formulated for rapid soil penetration and removal. Emulsifies grease, oil, and carbon on virtually any surface, in any cleaning application.

INDUSTRIAL: Specifically designed to replace industrial solvents for removing grease and grime from machinery and parts. Ideal for removing mill oils, cutting oils, coolant fluids, draw film, sludge, and carbon build up.

Color: Clear

Scent: Slight

Foaming Ability: Moderate

Features:

Oil Separation

Biodegradable

Cost Effective

U.S. Paint Corp.

Gavlon Industries

***Aircraft Approved**

Benefits:

= Allows solids to settle out and oil/water separation – enhances water filtration and reclamation systems.

= Acceptable to waste water treatment systems.

= Economical per application and reduce storage requirements.

= Tested and approved by U.S. Paint Corp. as a cleaner in conjunction with their product warranty.

= Tested and approved to clean Gavlon Products, HS350 Polyurethane, 9815 Epoxy, and 9198 Zinc Epoxy

= Meets Boeing, Douglas & AMS Certifications.

Guideline for Application:

Water Quality: Use SOFT WATER for best performance. In hard water (over 0 grains of hardness) increase strength by 10% for each grain of water hardness (1:60 +10% = 1:54). Trying to clean in frictionless systems with water over 2 grains of hardness is not recommended.

Solution Temperature: Summer: 70 - 90°F (21 - 32°C), Winter: 90 - 140 °F (32 - 60°C).
When air temperatures are below 40°F (4°C), increase strength by 10 - 15%.

Surface Preparation: For best results, apply to a dry vehicle/part, but allow hot surfaces to cool prior to chemical application. Rinse with clean water or wipe with a clean wet cloth.

Economy: Adjust dilution ration to suit conditions, increasing concentration only to achieve desired cleaning. Chemical volume can also be reduced by using alternative nozzle sizes.



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Application/Dilution Ratios:

Use the dilution ratios below for all applicable methods of chemical application including hand wipe, hand sprayers, bucket & brush, presoak arch, etc.

	<u>Dilution Ratios</u>		
	<u>Heavy Soils</u>	<u>Moderate Soils</u>	<u>Light Soils</u>
INDUSTRIAL CLEANING			
- Brush or Hand Wipe	1:20 – 1:40	1:40 – 1:50	1:100 – 1:200
- Hand Held Sprayer	1:20 – 1:40	1:40 – 1:50	1:100 – 1:200
- Power Washer/Sprayer	1:40 – 1:50	1:50 – 1:60	1:100 – 1:200
- Parts Washer	1:10 – 1:15	1:50 – 1:60	1:80 – 1:160
- Dip/Immersion Tank	1:20 – 1:40	1:40 – 1:50	1:50 – 1:100
GENERAL HOUSEKEEPING			
- General Cleaning	1:40	1:150	1:300
- Ceramic & Porcelain	1:40	1:150	1:300
- Spot-Carpet & Fabric	1:100	1:200	1:300
- Floor Scrubbers (Automated)	1:200	1:300	1:500
FOOD PROCESSING			
- Processing Equipment	1:5 – 1:15	1:20 – 1:50	1:50 – 1:150
- Range/Fryer Hoods	1:5 – 1:15	1:20 – 1:50	1:50 – 1:150
- Grates & Grills	1:1 – 1:5	1:5 – 1:10	1:10 – 1:20
- Stainless & Ceramic	1:20 – 1:40	1:40 – 1:80	1:80 – 1:150
TRANSPORTATION			
- High / Low Pressure			
(Hot Water)	1:15 – 1:40	1:40 – 1:100	1:100 – 1:150
(Cold Water)	1:10 – 1:30	1:40 – 1:60	1:100 – 1:150
- Bucket & Brush			
(Hot Water)	1:10 – 1:30	1:30 – 1:60	1:60 – 1:100
(Hot Water)	1:30 – 1:60	1:60 – 1:100	1:100 – 1:200
(Cold Water)	1:20 – 1:40	1:40 – 1:90	1:90 – 1:150
AIRCRAFT CLEANING	1:20	1:40	1:50