



INDUSTRIAL

PRODUCT: Release™

STOCK# 2713

Uses

An excellent multi-purpose, 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 USES: Release™ is specifically designed to replace Industrial Solvents for removing grease and grime from machinery. Ideal for removing mill oils, cutting oils, coolant fluids, draw film, sludge and carbon build up.

Industrial Degreasing/Cleaning

- Machinery and Equipment
- Raw Materials & On-line Processing
- Parts & Equipment Rebuilding
- Vapor Degreasing Replacement
(via dip/immersion tanks)

GENERAL HOUSEKEEPING: For general clean-up of overhead light fixtures and ceiling fans, awnings, walls (painted or wall papered), doors, tables and chairs, sinks and shower stall, athletic equipment and locker rooms, windows and mirrors. Ideal for all types of floors (vinyl, wood, concrete, marble, ceramic). Release™ removes cola, lipstick, crayon and pencil marks, carbon deposits, soot, smoke varnish.

FOOD PROCESSING: Advanced surfactant compounds can quickly penetrate and dissolve animal fats and cooking oils. Release™ is ideal for cleaning kitchen equipment, food processing equipment, and facilities associated with meat, poultry, fish, agricultural and baking processing and hauling.

TRANSPORTATION MAINTENANCE: Release™ is highly effective at cleaning all types of transportation vehicles, both interior and exterior. Aircraft, Monorails, Ships, Buses, Motor homes, Trucks, Cars, Boats, Material handling; Railroad, Farm, Construction and Mining equipment.

Description Concentrated, Mild Alkaline, Biodegradable
Detergent.

Color: Clear, **Scent:** Slight, **Foaming:** Mild

Features/Benefits

Concentrated	- Expansive use of product due to wide range of dilution ratios. - Economical per application. - Reduced storage requirements.
Temperatures	- Is effective at solution temperatures of 55°- 155°F.
USDA Accepted	- Use in Meat & Poultry Plants.
Aircraft Approved	- Meets Boeing, Douglas & AMS Certifications.
U.S. Paint Corp.	- Tested and approved by U.S. Paint Corp. as a degreaser cleaner in conjunction with their product warranty.
Gavlon Industries	- Tested and approved to clean Gavlon Products, HS350 Polyurethane, 9815 Epoxy, and 9198 Zinc Epoxy.
Oil Separation	- Allows solids to settle out and oil/water separation - enhances water filtration & reclamation systems.
Biodegradable	- Meets most municipality discharge standards.
Water Rinsable	- Fast sheeting and streak free shine on fine finishes, chrome and glass.
Titratable	- Easily determined dilutions.

Applications/Dilution Ratios

Industrial Cleaning

	Heavy Soils	Moderate	Light
* Brush or Hand Wipe	Neat - 1: 5	1: 7 - 1:20	1:25 - 1:40
* Hand Held Sprayers	Neat - 1: 5	1: 7 - 1:20	1:25 - 1:40
* Power Sprayers	1: 5 - 1:15	1:15 - 1:30	1:30 - 1:50
* Parts Washers	1: 5 - 1: 7	1:10 - 1:15	1:20 - 1:30
* Dip/Immersion Tank	1: 1 - 1: 3	1: 5 - 1: 7	1: 7 - 1:10

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General Housekeeping

	Heavy Soils	Moderate	Light
* General Cleaning	1: 8	1:24	1:48
* Ceramic & Porcelain	1:12	1:32	1:64
* Plastic & Vinyl	1:12	1:32	1:64
* Steel Surfaces	1:16	1:32	1:64
* Spot-Carpet & Fabric	1:16	1:32	1:64
* Laundry Pre-Soak	1:24	1:40	1:80
* Wood Paneling & Trim	1:24	1:48	1:80
* Floor Scrubbers	1:40	1:64	1:80
* Mirrors & Glass	1:80	1:128	1:160

Use the above ratios in all application methods, (hand wipe, hand sprayers, bucket & brush or power washer).

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Food Processing

	Heavy Soils	Moderate	Light
* Processing Equip	Neat - 1: 5	1:10 - 1:20	1:25 - 1:40
* Range/Fryer Hoods	Neat - 1: 3	1: 5 - 1:10	1:12 - 1:20
* Grates & Grills	Neat - 1: 3	1: 5 - 1:10	1:12 - 1:20
* Stainless & Ceramic	1: 8 - 1:12	1:16 - 1:24	1:28 - 1:48

Use the above ratios in all application methods, (hand wipe, hand sprayers, bucket & brush or power washer).

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Transportation

	Heavy Soils	Moderate	Light
* High/Low Pressure			
(Hot Water)	1:10 - 1:20	1:20 - 1:40	1:40 - 1:60
(Cold Water)	1: 7 - 1:15	1:15 - 1:30	1:30 - 1:50
* Bucket & Brush			
(Hot Water)	1:15 - 1:25	1:30 - 1:50	1:55 - 1:70
(Cold Water)	1:10 - 1:20	1:25 - 1:40	1:45 - 1:60

* Aircraft washing may require a pre-soak ratio of 1:1 to 1:3.

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Guidelines for Application

- Use soft, hot water for best results.
- Rinse with clean water or wipe with a clean wet cloth.
- Avoid applying solution to hot surfaces, allow surfaces to cool before washing.
- When air temperatures are below 40 degrees increase soap strength by 10 to 15%.

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