

# Houghto-Clean® 8131

Cleaner/rust inhibitor

## DESCRIPTION

**Houghto-Clean 8131** is a liquid alkaline spray and immersion cleaner containing an effective rust inhibitor. It incorporates a unique blend of biodegradable surfactants that are effective in removing various soils. **Houghto-Clean 8131** has good oil-splitting properties and is designed to be used in one stage, no-rinse systems, making it an excellent replacement for 1, 1, 1-trichloroethane in vapor degreasing equipment.

Use **Houghto-Clean 8131** at a concentration of 1 to 10% (volume) at ambient to 150°F in washer operations dependent upon soil load. Completely safe on all metals and will not harm painted surfaces. **Houghto-Clean 8131** can be safely used prior to heat treat operations.

## FEATURES / BENEFITS

- Free rinsing results in low residuals for subsequent operations
- Versatile as can be used on a variety of metals
- Incorporates a balance of detergency and solvency to provide more effective cleaning
- Incorporate corrosion inhibitors that prevent flash rusting and provides for short term indoor storage

## SOLUTION CONTROL

A working bath is controlled by titration:

Total Alkalinity:

1. Place a 10 mL sample of **Houghto-Clean 8131** in a clean beaker.
2. Add 4 to 6 drops bromophenol blue indicator to sample.
4. Titrate to a yellow-green endpoint with 0.1N Acid  
mL Titrant x 1.2 = % concentration **Houghto-Clean 8131**

## DATA (TYPICAL VALUES)

Appearance	Clear yellow liquid
Odor	Slight solvent odor
Specific Gravity	1.035
Causticity	None
Foaming	Controlled
Rinsability	Complete
pH neat	10.1

TP 16.03 US

## HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.



Houghton International Inc.  
Madison and Van Buren Aves.  
P. O. Box 930  
Valley Forge, PA 19482-0930

Phone: 610-666-4000  
Fax: 610-666-0174  
info@houghtonintl.com  
www.houghtonintl.com

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