

TECHNICAL DATA SHEET

HOUGHTO-CLEAN® 8131

CLEANER/RUST INHIBITOR

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.

Completely safe on all metals and will not harm painted surfaces.

HOUGHTO-CLEAN® 8131 can be safely used prior to heat treat operations.

Applications

Mildly alkaline, premium mixed metal spray cleaner with short term in-plant rust protection

Recommendation For Use

Use HOUGHTO-CLEAN® 8131 at a concentration of 1 to 10% (volume) at ambient to 150°F in washer operations dependent upon soil load. 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.

Titrate to a yellow-green endpoint with 0.1N Acid
mL Titrant x 1.2 = % concentration Houghto-Clean 8131

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

Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

Typical Physical Properties

PROPERTY	TYPICAL VALUE
Appearance	Clear yellow liquid
Odor	Slight solvent odor
Specific Gravity	1.035
Causticity	none

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose. 86813100

