

HOUGHTO-CLEAN 291

(Formerly HOUGHTO-CLEAN 5384 BF)

High Alkalinity Degreaser

DESCRIPTION

HOUGHTO-CLEAN 291 is highly alkaline spray wash and immersion applied cleaner for the cleaning of ferrous and other substrates compatible with high alkalinity .

APPLICATIONS

HOUGHTO-CLEAN 291 has been formulated for the removal of very tenacious forming, pressing, lubricating and similar oil based manufacturing process fluids and greases. HOUGHTO-CLEAN 291 is also designed for cleaning processes involving short contact times and large surface areas such as present within the steel rolling industries. HOUGHTO-CLEAN 291 can also be used as an alkaline etching chemical for aluminium.

RECOMMENDATION FOR USE

Temperature = 40 to 80°C spray wash

Concentration = 1 - 5% v/v spray wash

Temperature = ambient to 80°C immersion

Concentration = typically up to 50% v/v

A titration test method for concentration is available on request.

TYPICAL PHYSICAL PROPERTIES

<i>Appearance</i>	<i>Yellow liquid</i>
<i>Specific Gravity</i>	<i>1.3</i>
<i>pH in Use</i>	<i>Typically 12 - 14</i>
<i>Refractometer Factor</i>	<i>3.1</i>

BENEFITS

- Suitable for spray and immersion cleaning methods
- Removes very tenacious and high levels of contamination
- Exhibits a long working solution life
- Contains no silicates for easy rinsing of cleaned surfaces

RELATED PRODUCTS

Houghton is a market leader in the development and supply of manufacturing process fluids. The HOUGHTO-CLEAN range of industrial cleaners have been developed to compliment and work synergistically with these and particularly with our machining, forming, quenching and similar products.

For more information, please contact your local Houghton representative.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

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