

HOUGHTO-CLEAN 137

Aqueous Alkaline Spray Wash Cleaner

DESCRIPTION

HOUGHTO-CLEAN 137 has been formulated as a spray wash cleaner to meet the specific requirements for cleaning before and after heat treatment.

APPLICATIONS

HOUGHTO-CLEAN 137 is suitable for usage within all spray wash and intensive flood wash equipment for degreasing ferrous substrates before heat treatment and after quenching.

HOUGHTO-CLEAN 137 will remove both oil and polymer quenches.

HOUGHTO-CLEAN 137 contains an effective demulsifier to allow for the easy removal of oils from the cleaning solution.

HOUGHTO-CLEAN 137 can also be used for immersion and within mechanical deburring applications.

RECOMMENDATION FOR USE

Temperature = 35 - 80°C

Concentration = up to 6% v/v spray wash and flood washing

Concentration = up to 10% v/v immersion

Concentration = 2 - 3% v/v mechanical deburring

A titration test method for concentration is available on request.

TYPICAL PHYSICAL PROPERTIES

<i>Appearance</i>	<i>Clear pale yellow liquid</i>
<i>Specific Gravity</i>	<i>1.04</i>
<i>pH in Use</i>	<i>Typically 9.5 - 10</i>
<i>Refractometer Factor</i>	<i>3.8</i>

BENEFITS

- Salt free formulation to protect metallurgy during heat treatment
- Good inter-operational ferrous corrosion inhibition
- Good oil demulsifying properties
- Boron free formulation
- Multifunctional for reduced inventory
- Provides good foam control

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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HOUGHTON

Houghton plc
Beacon Road, Trafford Park
Manchester M17 1AF

Tel +44 (0) 161 874 5000
Fax +44 (0) 161 874 5001
E-mail
uk.enquiries@houghtoneurope.com
<http://www.Houghtonintl.com>

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