



Product Data

Castrol Techniclean BW™

Alkaline Cleaner for Ferrous Metals

Description

Castrol Techniclean BW is a low foaming, Castrol based liquid suitable for immersion tank, and spray wash cleaning of ferrous metals in both production engineering and reconditioning applications.

Applications

Note : *Techniclean BW is suitable for use on ferrous metals only, such as cast iron and steel*

Reconditioning : *Techniclean BW is suitable for removal of difficult soils such as paint, rust and carbon during reconditioning operations.*

Product Engineering *Techniclean BW is suited to removal of difficult soils such as Metalworking Fluids, swarf and Rust Preventives. Also recommended for post quench cleaning.*

Advantages

- ◆ *Low foaming, suitable for all spray wash applications involving ferrous metals*
- ◆ *Good oil splitting characteristics allows removal of oil residues from the wash solution*
- ◆ *Powerful action of difficult soils*
- ◆ *Liquid product gives ease of handling, suitable for automatic dosing*
- ◆ *Very economical; can run at low temperatures*

Characteristics

Test	Value
Appearance	Clear, light brown, liquid with mild odour Brown Liquid
pH (2% dilution)	>12.14
pH (concentrate)	>12.20

Castrol Techniclean BW

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All reasonable care has been taken to ensure that the information included in this publication is accurate as of the date of printing. However, such information may nevertheless be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol India Limited products. MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product

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User Advice

Method of Use

Reconditioning:

◆	Immersion tank	10.0 – 30.0% depending on degree of soiling
◆	Spray Wash	5.0 – 10.0%
◆	Temperature	Ambient - 90 °C

Production Engineering:

◆	Immersion tank	1.0 – 5.0% depending on degree of soiling
◆	Spray Wash	0.5 – 4.0%
◆	Temperature	Ambient to 90 °C

In immersion tanks, extended soak periods of up to 8 hours, may be necessary for difficult soils.

Risk

Techniclean BW is caustic and causes severe burns to skin and eyes. For complete handling information refer to the Material Safety Data Sheet (MSDS).

Safety Precautions

When handling, wear elbow length PVC gloves, apron and face shield.

If poisoning occurs, contact a doctor or Poisons Information Centre.

If swallowed, do NOT induce vomiting. Give a glass of water.

If skin contact occurs, remove contaminated clothing and wash skin thoroughly.

If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Spillages

Clear area of unprotected personnel. Wear protective equipment to prevent skin and eye contamination. For large spills notify the emergency site services. Small spills should be contained with an inert absorbent such as Castrol Diatomaceous Earth to prevent from entering any waterways. Cautiously neutralize any remaining product with Hydrochloric Acid, adjust the pH to between 6 and 10. Flush to sewer as a greatly diluted solution.

For more information refer to the Material Safety Data Sheet (MSDS).

Health, Safety & Environment

Castrol's Cleaning Technology product range is formulated with Health, Safety and Environmental impacts for the end-user in mind. Castrol staff are able to advise on the most appropriate product(s) to meet customer performance requirements whilst minimizing H,S&E impacts.

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