



Product Data

Castrol Techniclean[®] S-CR

Demulsifying Cleaner for Soluble Coolant Removal

Description

Castrol Techniclean[®] S-CR is a mildly alkaline, low foaming, liquid spray wash cleaner designed for use in batch spray washers, tunnel washers and intensive flood washers. **Castrol Techniclean[®] S-CR** is designed for use on a wide range of metals in production engineering applications. **Castrol Techniclean[®] S-CR** is especially formulated for use with wash systems which have equipment for the separation of oil contaminants from the cleaning solutions.

Application

Castrol Techniclean[®] S-CR is suitable for removal of swarf, particulate soils and soluble coolant from metal components in the field of production engineering.

Castrol Techniclean[®] S-CR provides short-term interoperational corrosion protection and contains an oil splitting package which allows separation of oil from coolant carry over, thus improving cleanliness in the wash process and extending bath life.

Benefits and Qualities

- Suitable for use with all ferrous metals and aluminium alloys and yellow metals.
- Provides short-term inter-operational corrosion protection.
- Low foaming performance at all temperatures.
- Excellent oil separation even with high levels of coolant contamination.
- Long bath life, providing resistance against attack from micro-organisms.
- Good low temperature performance, can be used at ambient temperatures.

Method of Use

- Spray, tunnel and intensive flood washers : 5.0 - 15.0 % depending upon the degree of soiling.
- Temperature range : Ambient through to 80°C.
- Pressure range : Up to 200 bar (3000 psi)

Characteristics

- Appearance : Clear, pale liquid with mild odour
- pH (2% solution) : 9.9 Typical
- pH (Concentrate) : 10.5 Typical

B1059/98/5

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Packaging

Castrol Techniclean[®] S-CR is available in both 20 litre containers and 200 litre drums.

Risk

- Irritating to skin and eyes.
- Harmful if swallowed in undiluted form.

Safety Precautions

- Protective equipment should be used when dispensing or mixing the concentrate and diluted product.
- Avoid breathing vapours, mists or sprays.

Spillages

- Soak up small spillages with Castrol Diatomaceous Earth and arrange disposal through an approved facility.
- Larger spillages need to be contained as soon as possible and removed preferably for recycling or disposed through an approved facility.
- For complete 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 minimising H,S&E impacts.

Spillage:

SMALL - 20 LITRES OR LESS

Soak up on Castrol Diatomaceous Earth or similar inert absorbent. Arrange for disposal through an approved facility.

LARGE - GREATER THAN 20 LITRES

Contain as soon as possible, remove by best means available and arrange recycling (preferred) or disposal through an approved facility.

Waste Disposal:

New or used solvent must not be allowed to enter the ground, ground water, water courses, sewerages or drainage systems. Advice may be sought from the Environmental Protection Authority or from the local waste disposal authority.

All reasonable care has been taken to ensure that the information contained 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 Industrial Australia Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

9-Dec-05

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