

Product Data Sheet

Mobilcut ESC Soluble Emulsion System Cleaner

Product Description

Mobilcut ESC is a heavy duty emulsifiable machine degreasant and detergent for the cleaning and disinfection of machine tool coolant sumps in one operation.

Benefits

Mobilcut ESC offers the following benefits:

- Dual purpose product suitable for the cleaning and sterilisation of machine tools and coolant sumps
- Low odour
- Removes and kills bacterial and fungal growths from machine slideways and sumps
- Emulsifies tramp oils and slimes
- Can be used during production to eliminate objectionable odours
- Free from sodium nitrite, secondary amines and phenolic compounds

Application

Mobilcut ESC is designed to be used at 1-3% as a cleaner to kill bacterial and fungal growths and remove contaminating tramp oils and slimes.

It should be added at 1 -2% to an infected coolant system for 24-48 hours prior to cleaning. The exposed surfaces of the machine should then be thoroughly cleaned with either neat cleaner or a 2%-3% emulsion in water and the whole system flushed with clean water, plus 0.2% Mobilcut ST. A fresh charge of coolant should then be introduced into the machine at the correct concentration.

Please consult your Mobil Representative if you require guidance on the cleaning procedure.

Note

Badly infected machines may need to be cleaned again after three to four weeks if coolant life is to be maximised.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

	Mobilcut ESC
Relative Density 15/4 °C	0.900
pH in 3% Distilled Water	9.3 - 9.7
Colour - ASTM	Yellow orange liquid
Solution in water	Light translucent
Odour	Mild citrus orange
Corrosion Test (IP 387)	30/1 Pass

Due to continual product research and development, the information contained herein is subject to change without notice.

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