

PMD (UK) LTD PROCESS DATA

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ECON SEF-06/02
ISSUE 4
PREV 3

ECONOCLENSE SEF

ALKALINE SOAK/ELECTROLYTIC CLEANER

INTRODUCTION

PMD Econoclense SEF is a highly alkaline cleaner designed to remove a variety of soils from ferrous and non-ferrous materials. It can be used as a soak and/or electrocleaner and is suitable for both rack and barrel applications. Econoclense SEF combines high soil-carrying ability with an excellent electrolytic scrubbing action.

OPERATING DATA

For most applications, the operating parameters are:

Concentration	25 - 75 g/l (4 - 12 oz/gal)
Temperature	50 - 80 deg C (120 - 175 deg F)
Current Density	2 - 5 A/dm ² (20 - 50 asf) (anodic for ferrous metals, cathodic for non-ferrous metals.)
Immersion Time	0.5 - 5 minutes

MAKE-UP AND MAINTENANCE

Econoclense SEF is supplied as a dry powder, to be made up to the required concentration with water.

To check the concentration of the working solution, the following simple analysis method may be used:

Take a 25 ml sample of the solution. Using methyl orange indicator, titrate with NI Sulphuric or Hydrochloric Acid to a pink end point.

ml acid required x 2.38 = concentration of Econoclense SEF in g/l.

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EQUIPMENT

Tanks Mild or stainless steel, or other materials suitable for use with alkaline solutions.

Heating Electric immersion heaters (mild, stainless steel, PTFE or silica), steam, gas or high pressure hot water.

Temperature control is recommended to maintain optimum performance.

DISPOSAL

Dispose of in accordance with local authority requirements.

PRODUCT FAMILIES

The following products or product families are referred to in this data sheet:-

<u>Product</u>	<u>Product Code</u>
PMD Econoclense SEF	206008

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