



# TECHNICAL DATA SHEET

## ESSECO AQUEOUS RUST PREVENTATIVE M-RP

### ESSECO AQUEOUS RUST PREVENTATIVE CONCENTRATE

#### PRODUCT DATA AND TYPICAL PROPERTIES

Esseco Aqueous Rust Preventative M-RP is a unique, environmentally sensible, inorganic based, aqueous rust inhibitor. It is designed to prevent rust from forming on ferrous and non-ferrous metal surfaces, such as steel, copper, brass, and aluminium. The unique chemistry of Esseco Aqueous Rust Preventative M-RP makes it ideal for use with ultrasonic, agitated batch washing, spray washer, and in general purpose metal applications. It is normally used in a separate rinse tank but can be added to the cleaning bath in some circumstances. Esseco Aqueous Rust Preventative M-RP may be rinsed off after protecting the surface or may be left on the part to give longer term rust protection (the latter is preferable).

Odour	: slight odour of surfactants/detergents
pH (10% solution)	: 11.2 (approximately)
Flash Point	: none

#### PRODUCT SPECIFICATION

Appearance	Pale straw, clear to slightly hazy amber liquid.
Specific Gravity (25°C)	1.17-1.19
pH (25°C, neat)	11.65-11.90

#### PERFORMANCE

##### **Features:**

- No ozone depleting potential
- No VOCs
- Not hazardous
- Low toxicity, no glycol ethers
- Low foaming
- Low BOD/COD values
- Not flammable
- Low odour
- Mainly inorganic chemistry

##### **Benefits:**

environmentally friendly  
no VOC permits required  
no special safety or storage conditions  
worker safety  
suitable for spray and immersion washing  
easy disposal, simple effluent treatment  
safe in all cleaning equipment  
user friendly  
simple effluent treatment

#### PROCESS CONTROL

The product is supplied as a liquid concentrate and diluted with water to 1 - 3% by volume of Esseco Aqueous Rust Preventative M-RP to protect against staining and corrosion. The concentration may be measured using a titration method.

Typical operating temperature range is ambient to 70°C. Esseco Aqueous Rust Preventative M-RP is not degraded by heating.

#### STANDARD PACKAGING

1000 litre Intermediate bulk containers (IBCs), 200 and 25 litre polyethylene drums.

FOR HANDLING INFORMATION PLEASE CONSULT THE SAFETY DATA SHEET.

Product: ESSECO AQUEOUS RUST PREVENTATIVE M-RP  
Document Reference: PS 5R

Issue No. 2

Issue Date: Dec 2012  
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