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

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.