

# Acid Wash for Chloride, Oil and Rust

U. S. POLYCHEMICAL CORPORATION

**POLYCHEM**<sup>®</sup>



**FOXBOND**<sup>™</sup> **1099**

## DESCRIPTION

**Polychem Foxbond 1099** is an acidic, soak/immersion cleaner for removing mill oils, grease, buffing compounds, stencil marks, finger prints, stamping oils from steel, stainless steel, steel alloys, aluminum and aluminum alloys and other metal surfaces.

**Polychem Foxbond 1099** provides a controlled etch on metal surfaces and hence rust or scale removal, metal brightening. Polychem Foxbond<sup>™</sup> 1099 removes the smut from the metal surfaces and be used as a metal conditioner and as pre-paint preparation.

**Polychem Foxbond 1099** has exceptional cleaning ability. It is recommended as a pre-paint treatment. **Polychem Foxbond 1099** can be used in immersion and ultrasonic tanks, manual wipe on / wipe off applications. All applications must be followed by a water rinse.

## APPLICATION PROCEDURE

Clean the solution tank. Add water to the operating level of the tank. Add sufficient amount of **Polychem Foxbond 1099** to make a working solution of 5-50 % by volume. Mix well and use at ambient temperature if needed or heat the solution, to the operating temperature of 120°-140°F and process cleaning. Higher temperatures up to 160°F (71°C) may be used to speed up the cleaning of steel or stainless steel.

## PROPERTIES

<b>Composition</b>	: Blend of surfactants, solvent and phosphoric acid
<b>Form</b>	: Clear liquid
<b>Odor</b>	: Bland/mild
<b>Specific Gravity, @ 20°C</b>	: 1.391
<b>Foaming tendency</b>	: Medium
<b>Diluent</b>	: Water
<b>Use concentration</b>	: Normally used at 5-50% by volume ( 1 part to 1- 20 parts with water )
<b>Use temperature</b>	: ambient - 140°F
<b>pH at working concentrations</b>	: 1-2 at 5 % by volume

## SAFETY AND HANDLING PRECAUTIONS

**Polychem Foxbond 1099** is a acidic cleaner. Contains phosphoric acid and ethylene glycol mono butyl ether. Direct contact may be corrosive to eyes and skin. Avoid prolonged contact with skin and breathing of vapors. Wash thoroughly after handling. Do not take internally. Read the MSDS before using the product.

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