



International Products

C O R P O R A T I O N

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MICRO-90[®] CONCENTRATED CLEANING SOLUTION RECOMMENDED RUST INHIBITORS AND CONCENTRATIONS

The preferred method to prevent corrosion is to reduce the temperature of the cleaning solution, the rinse water, and/or air temperature while drying. If rust persists, the following inhibitors have been found to protect the metals listed below.

Aluminum 1100	1008 Cold Rolled Steel	Monel 400	Stainless Steel 304	Tin Plated Steel	Titanium Grade 2
1% Maxhib AA	1% Calamide O 1% I-Pho T46 1% Maxhib AB 1% Maxhib AC 1% Tomamine Inhibitor 60S	1% Calamide O 0.5% Crodacore BE 1% I-Pho T46 1% Maxhib AB 1% Maxhib ABC 1% Maxhib AC 0.5% Tolytriazole 1% Tomamine Inhibitor 60S	1% Calamide O 0.5% Crodacore BE 1% I-Pho T46 1% Maxhib AC 1% Tomamine Inhibitor 60S	0.5% Crodacore BE 1% Decore SCI 45 ECO 1% Maxhib AB	1% Calamide O 0.5% Crodacore BE 1% I-Pho T46 1% Maxhib AB 1% Maxhib ABC 0.5% Tolytriazole 1% Tomamine Inhibitor 60S

These inhibitors may be added directly to the 2% MICRO-90 cleaning solution or the rinse tank.

Suppliers

Aceto, www.aceto.com: Tolytriazole

Air Products, www.airproducts.com: Tomamine Inhibitor 60S

Croda, www.crodausa.com: Crodacore BE

Deforest Enterprises, www.deforest.net: Decore SCI-45 ECO

Ivanhoe Industries, www.ivanhoeind.com: I-Pho T46

PCC Chemax, www.pcc-chemax.com: Maxhib AA, Maxhib AB, Maxhib ABC, Maxhib AC

Pilot Chemical, www.pilotchemical.com: Calamide O

NOTE: In this study, no rust inhibitors were found to completely protect copper and its alloys.