



Rectifier L-2

Rectifier L-2 is a liquid concentrate used in hot black oxide baths to control excessive build-up of iron and copper.

Features & Benefits

Removes excess iron from bath	Better rinsing of parts
Removes excess copper from bath	Eliminates plating out of copper on parts

Operating Conditions

Rectifier L-2 is used when iron and/or copper build-up in the hot black oxide solution is such that plates out on the work (salmon colored copper) or is dragged out and difficult to rinse from the work surfaces (iron oxide). Prior to using Rectifier L-2, it is advisable to de-sludge and skim the bath.

Rectifier L-2 is added at the rate of 1/2 to 1 fluid ounce per gallon of hot black oxide solution.

Waste Disposal

Contact Hubbard-Hall's Aquapure specialists to discuss proper disposal.

Caution

Rectifier L-2 is a water solution and should be added slowly and carefully to the hot black oxide solution to prevent excessive boiling action or eruption of the solution. Protective clothing, including goggles and gloves, should be used during this procedure.

In the event of skin or eye contact, wash well with water. If ingested, consult a physician.



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Our People. Your Problem Solvers.

For more information on this process,
please call us at 203.756.5521 or email: techservice@hubbardhall.com

Hubbard-Hall holds certifications for **ISO 9001:2015**, Responsible Distribution, as accredited by the **ACD** (Alliance for Chemical Distributors) and as a **Women-Owned Small Business**, as well as maintaining an association with **Omni-Chem**¹³⁶