99 Copper Stripper

Ready-to-Use, Non-Cyanide Alkaline Oxidizer for Selective Copper Removal from Steel

Product Code: 2791

1. PERFORMANCE

OVERVIEW

Acculabs 99 Copper Stripper is a non-cyanide, ready-to-use liquid concentrate supplied at 100% v/v -- no dilution required. Specifically developed to remove copper from steel without affecting the steel substrate, the alkaline, oxidizing-agent-based formula operates at room temperature (70-85 degrees F) in standard steel or plastic containers, and immersion time is adjusted to match the thickness of copper to be removed.

FEATURES & BENEFITS

NON-CYANIDE CHEMISTRY	Alkaline oxidizing-agent-and-chelate formula contains no cyanide -- simplifying regulatory compliance, reducing waste-treatment complexity, and eliminating the hazards associated with cyanide-bearing strip baths.
SELECTIVE COPPER REMOVAL	Formulated specifically to strip copper from steel while leaving the steel substrate unaffected -- protecting base metal integrity and eliminating the need for post-strip substrate remediation.
READY TO USE -- NO MAKE-DOWN	Supplied as a ready-to-use liquid concentrate at 100% v/v; no dilution, mixing, or make-down required -- reducing preparation time and eliminating formulation errors.
ROOM-TEMPERATURE OPERATION	Operates at 70-85 degrees F with no heating required, simplifying set-up, eliminating energy costs associated with heated strip baths, and reducing thermal risk to parts and equipment.
BROAD TANK COMPATIBILITY	Suitable for use in standard steel or plastic containers -- no specialized or exotic tankage required, allowing integration into existing strip-line infrastructure.

ADJUSTABLE PROCESS TIME Immersion time is calibrated to the thickness of copper to be removed, giving process engineers direct control over strip depth without chemistry changes.

OPERATING PARAMETERS

Parameter	Specification
Temperature	70-85 degrees F (room temperature)
Concentration	100% v/v (ready to use; no dilution required)
Immersion Time	Varies with copper deposit thickness (adjust as required)
pH	Alkaline; avoid any acid contamination
Equipment / Tank Material	Steel or plastic containers

NOTE: Acculabs 99 Copper Stripper is alkaline. Any contamination with acid must be avoided. Adjust immersion time based on the thickness of the copper deposit to be removed.

2. PROCESS SETUP & OPERATIONS

EQUIPMENT REQUIREMENTS

Acculabs 99 Copper Stripper is suitable for use in steel or plastic containers. Acid-containing equipment or residues must be kept away from the bath at all times, as acid contamination will compromise the alkaline chemistry.

MAKE-UP PROCEDURE

Acculabs 99 Copper Stripper is supplied as a ready-to-use liquid concentrate. Use at 100% v/v -- no dilution or additional make-up components required. Fill the tank with the required volume of #99 Copper Stripper and begin processing.

3. HANDLING & COMPLIANCE

SAFETY & HANDLING

Acculabs 99 Copper Stripper is alkaline. Avoid contamination with acid. Wear personal protective gear and eye protection when handling and working with this material. Read the Safety Data Sheet (SDS) prior

to use and ensure all applicable health, environmental, and safety regulations and standards (OSHA, NIOSH, ACGIH, NFPA) are met.

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Refer to the applicable Safety Data Sheet (SDS) for detailed information regarding safe handling, storage, and emergency measures prior to use.