

AMBIENOL C

Acid Inhibitor & Detergent

METALLINE **AMBIENOL® C** is a concentrated additive that is used in acid pickle solutions to provide iron inhibition, enhanced carbon scale removal, fume suppression, smut removal and oil emulsification. AMBIENOL® C is BOEING approved and is on the BAC 5625 Specification.

Advantages

- Inhibits Iron Buildup & Helps Prevent Over-Pickling
- Accelerates Heat Treat & Weld Scale Removal
- Extends Acid Pickle Process Bath Life
- Improves Cleaning, Oil Removal & Smut Removal
- Reduces Fuming with a Controlled Foam Blanket
- Biodegradable and Non-Hazardous

Operating Parameters

Concentration Range	0.5 – 5% by volume in Hydrochloric or Sulfuric Acid
Immersion Time	1 – 10 minutes (depending on surface condition)
Temperature	Ambient – 120°F (ventilation required when heating)

Equipment

Tanks	PVC, Polypropylene, Polyethylene, lined steel
Heaters	Teflon
Agitation	Solution
Ventilation	Recommended



Product Bulletin

Product Name: AMBIENOL C
Product Code: 2055202
Revision Date: October 8, 2026

Control and Replenishment

Control - Titration

- The acid pickle solution should be routinely titrated in order to maintain the optimum acid concentration. (procedures are available upon request)

Replenishment - AMBIENOL® C

- The concentration of AMBIENOL® C should be replenished at the same ratio as it was made up. Example: For a 100-gallon acid pickle tank that was made up using 50% by volume Hydrochloric Acid and 2% AMBIENOL® C, add 150 milliliters of AMBIENOL® C with every gallon of acid.
- Contact your local METALLINE representative for more details.

Packaging

5-Gallon Pails and 55-Gallon Drums

Safety precautions:

READ SAFETY MATERIAL DATA SHEET BEFORE USING THIS PRODUCT. ONLY USE IN ACCORDANCE WITH OPERATING INSTRUCTIONS. WEAR EYE , SKIN, AND BODY PROTECTION WHEN USING THIS PRODUCT. IN CASE OF EYE CONTACT, FLUSH EYES WITH COPIOUS AMOUNTS OF COLD WATER FOR 5 MINUTES AND CONTACT PHYSICIAN IMMEDIATELY. IN CASE OF SKIN CONTACT, REMOVE CONTAMINATED CLOTHING, FLUSH AREA IMMEDIATELY WITH WATER AND CONTACT A PHYSICIAN. Disposal: FOLLOW FEDERAL, STATE, AND LOCAL REGULATIONS REGARDING DISPOSAL OF THIS PRODUCT.

WARRANTY: HUBBARD-HALL INC. IS NOT RESPONSIBLE FOR THE MISUSE, MISAPPLICATION, OR MISHANDLING OF THIS PRODUCT. SEE THE TERMS AND CONDITIONS OF SALE ON OUR WEBSITE FOR ADDITIONAL TERMS AND CONDITIONS CONCERNING OUR PRODUCTS, INCLUDING BUT NOT LIMITED TO, LIMITATIONS AND DISCLAIMERS OF WARRANTIES AND LIABILITIES.



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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.

