

BONDERITE C-IC WO 1 AERO

AIRCRAFT LIQUID ACIDIC CLEANER/DEOXIDIZER

(KNOWN AS TURCO W.O. #1)

INTRODUCTION:

BONDERITE C-IC WO 1 AERO (known as TURCO W.O. #1) is clear, colorless liquid acid cleaner and deoxidizer designed for use on aluminum and aluminum alloys. It may be used in either dip, spray and hand wipe processes.

FEATURES:

- Imparts a satin finish to aluminum surfaces as it cleans and deoxidizes
- Produces an ideal base for paint adhesion
- Removes corrosion products even from deep pits
- Readily soluble and stable in water

USE INSTRUCTIONS:

Equipment: Tanks, spray apparatus and associated equipment should be constructed of stainless steel.

Hand Wipe Applications: Use BONDERITE C-IC WO 1 AERO at 15% to 25% by volume in water at room temperature. Apply by brush or cloth saturated with solution. Gentle scrubbing speeds soil removal. Rinse with cold or warm water.

Dip Applications: Use BONDERITE C-IC WO 1 AERO at 20% to 25% by volume in water at room temperature. Immerse parts for 3 to 10 minutes. Rinse with cold or warm water.

Hot Tank Cleaning: Use BONDERITE C-IC WO 1 AERO at 5% to 10% by volume in water. Maintain at desired temperature, up to 60°C. Immerse parts for 3 to 10 minutes. Rinse with cold or warm water.

Spray Methods: Use BONDERITE C-IC WO 1 AERO at 20% to 25% by volume in water at room temperature. Apply by airless or siphon spray or BONDERITE BARREL PUMP. Keep surface wet with spray until soil is removed. Brushing prior to rinsing helps remove stubborn soils. Rinse with cold or warm water.

CONTROL:

BONDERITE C-IC WO 1 AERO:

Apparatus:

1. 205402 - Beaker, 250 mL
2. 205943 - Pipet, 10 mL
3. 205700 - Buret, 25 mL
4. pH meter



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205289 - Titrating Solution 89 (Sodium Hydroxide, 1.0N)

Procedure:

Pipet 10 mL of sample (cooled to room temperature) into a 250 mL beaker and add 50 ml of deionized water. Titrate with **TS 89** to pH 4.

CALCULATION:

ml of TS 89 X 1.42 = Volume % BONDERITE C-IC WO 1 AERO

DISPOSAL INFORMATION:

Dispose of spent solution per local, state and regional regulations. Refer to HENKEL SURFACE TECHNOLOGIES MATERIAL SAFETY DATA SHEET for additional disposal information.

PRECAUTIONARY INFORMATION:

WARNING! Contact may cause burns to skin and eyes. May be harmful if swallowed.

Note: VOC = 161 g/L

BONDERITE C-IC WO 1 AERO contains acidic constituents. Avoid contact with eyes, skin and clothing. Do not take internally. Avoid prolonged breathing of fumes. Use with adequate (equivalent to outdoor) ventilation.

Protective clothing, such as a chemical face shield or goggles and gloves made from acid resistant materials should be worn when handling this material. A **NIOSH approved** respirator equipped with a mechanical filter should be worn for mist conditions.

Before using this product refer to container label and HENKEL SURFACE TECHNOLOGIES MATERIAL SAFETY DATA SHEET for additional precautionary, handling and first aid information.



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NOTICE:

The above information and recommendations concerning this product are based upon our laboratory tests and field use experience with this or similar products. However, since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied. Manufacturer's and seller's sole obligation shall be to replace that portion of the product shown to be defective. Neither shall be liable for any loss, damage, or injury, direct or consequential, arising out of the use of this product.

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