

## Australian Chemicals & Coatings Pty Ltd

ABN: 92 884 104 142

69 Quantum Close,  
Dandenong South VIC 3175

Ph: +61 (03) 9799 9833

Fax: +61 (03) 9799 9033

sales@auschem.com.au

[www.auschem.com.au](http://www.auschem.com.au)

### **WARNING:**

**This chemical is formulated  
for industrial use only**

Contact with skin or clothing or other improper handling or use of this product may result in bodily harm or other damage. Before using or mixing the contents with other substances, all labels applied to container, the applicable Technical Data Sheet and Material Safety Data Sheet should be read and specific instructions and precautions followed to assure correct use and personal safety.



# PRELUDE AC-100

## INTRODUCTION

PRELUDE AC-100 is a powdered mildly alkaline, production cleaner for immersion or spray cleaning on aluminium, steel or zinc surfaces.

It is specifically formulated to remove polishing pastes and mill soil without dulling the aluminium surface.

## MAKE-UP AND OPERATION

PRELUDE AC-100 is operated at 20-50 grams per litre.

Temperature should be between 60-90 degrees Celsius depending on type of soil being removed.

Contact time in an immersion process can be between 1-15 minutes and in a spray process between 1-5 minutes at a pressure of about 200kpa.

## BATH MAKE-UP AND CONTROL POINTS

### BATH MAKE-UP

For each 1000 litres of bath add the following:

20-50 kg - PRELUDE AC-100

### **\*\*\*NOTE :**

***PRELUDE AC-100 should be dissolved in a pail of water before adding to the bath.***

### CONTROL POINTS

TITRATION -	6.0 to 15.0 ml
TEMPERATURE -	60-90 degrees Celsius
CONTACT TIME -	Immersion - 1-15 minutes Spray - 1-5 minutes

● ***Bringing the Best Products to the Surface*** ●

**Disclaimer:** All statement, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. No statement or recommendation shall constitute a representation unless set forth in an agreement signed by officers of seller and manufacturer. NO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE. The following warranty is made in lieu of such warranties and all other warranties, express, implied or statutory. Products are warranted to be free from defects in material and workmanship at the time sold. The sole obligation of seller and manufacturer under this warranty shall be to replace any product defective at the time sold. Under no circumstances shall manufacturer or seller be liable for any loss, damage or expense, direct or consequential, arising out of the use of or inability to use the product. No suggestion for product use or anything contained herein shall be constructed as a recommendation to use any product in infringement of any patent rights and seller and manufacturer assume no responsibility or liability for any such infringement. We recommend prospective users determine the suitability of this product through independent testing before adopting on a commercial scale.

## **TESTING AND BATH MAINTENANCE**

The PRELUDE AC-100 bath is manually controlled by the following titration.

(i) Pipette a 10ml sample of the PRELUDE AC-100 bath into a conical flask and add 100ml of D.I. Water.

(ii) Add 6 - 8 drops of phenolphthalein indicator

(iii) Fill the burette with 0.1N hydrochloric acid solution.

(iv) While stirring the sample slowly run the 0.1N hydrochloric acid solution from the burette until the pink colour disappears. Record the millilitres of 0.1N hydrochloric acid used.

(v) CALCULATION - Millilitres of 0.1N HCl x 3.32 = gms/litre of PRELUDE AC-100

## **OPERATIONAL RECOMMENDATIONS**

(i) If PRELUDE AC-100 is being used to remove hardened polishing paste in immersion equipment - air agitation is recommended.

(ii) If work is extremely oily, PRELUDE PLUS can be added to boost cleaning power.

## **AFTER TREATMENT**

After cleaning with PRELUDE AC-100 the work must be thoroughly rinsed with hot or cold water prior to further treatment.

## **HANDLING PRECAUTIONS**

PRELUDE AC-100 is an alkaline powder. Gloves, goggles and dust mask should be worn when handling the powder.

If PRELUDE AC-100 powder or solution contacts skin or eyes, flush immediately with copious amounts of water, then seek medical attention.

If swallowed, dilute the chemical with large quantities of water or milk. Seek medical attention.