

TECHNICAL DATA

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THIS CHEMICAL IS
FORMULATED FOR

WARNING 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.

NEUTRON XF

ADDITIVE FOR ALUMINIUM DEOXIDIZING AND NEUTRALIZING

NEUTRON XF is a new formulation for use in the deoxidizing and neutralizing process prior to anodising.

NEUTRON XF - ADVANTAGES

- Is a concentrated liquid formulation.
- Contains no chromates.

OPERATING CONDITIONS

NEUTRON XF is used at 2-20% by volume at room temperature immersion time of approximately 2 minutes.

NOTE: If the aluminium alloy contains binders such as copper or silicon immersion times or concentration should be increased accordingly.

EQUIPMENT

Stainless steel or PVC lined tank.

SOLUTION PREPARATION

Part fill the tank with water.

Add NEUTRON XF to achieve desired concentration.

Top up tank to operating level.

MAINTENANCE AND CONTROL

Add approximately 50ml distilled water to 10ml of bath solution.

Add a few drops of Phenolphthalein.

Titrate with 1.0N Sodium Hydroxide to a pink end point.

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Calculation; $t \times 0.77 = \% \text{NEUTRON XF}$

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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 nor anything contained herein shall be construed 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.

HEALTH AND SAFETY

NEUTRON XF is acidic and corrosive. Extreme care must be taken during handling. When handling concentrated NEUTRON XF operators should wear full-face protection, PVC gauntlets, acid proof overalls and boots.

If splashed on the skin, immediately flush with cold water.

In case of contact with the eyes flush with running water for at least 5 minutes and seek medical advice.

STORAGE

It is good practice to keep all chemicals in a locked weatherproof area to control access of unauthorized persons and to protect chemicals from the elements.

PACKAGING

NEUTRON XF is available in 25, & 200 L plastic non-returnable drums.

For further information on NEUTRON XF or any other of the wide range of products we have developed for use in the aluminium surface finishing industry please contact the Marketing or Technical Dept. of AUSTRALIAN CHEMICALS AND COATINGS.