



A NEW FORCE IN CHEMICAL MANUFACTURING

Unit 2, 14-16 Lee Holm Road
St Marys NSW 2760
Australia

Ph: 1300 738 250 (Australia)
Ph: +61 2 9833 9766 (International)
Fax: 02 9623 3670

sales@chemtools.com.au
www.chemtools.com.au

TECHNICAL DATA SHEET

OCTOBER 2015

PRODUCT NAME

CHEMTIG™ Rust Converter

PRODUCT RANGE

| Part Number | Available Size |
|-------------|---------------------|
| CT-RC-750ML | 750ML Trigger Spray |
| CT-RC-1L | 1 Litre |
| CT-RC-5L | 5 Litres |
| CT-RC-20L | 20 Litres |



Refer to SDS for product safety guidelines

CHEMTIG™ Rust Converter

Chemtools® Rust Converter is a mild acid solution, which chemically modifies rusty metal into an impervious black iron which will limit further corrosion. It dramatically increases the life expectancy of surface rusted metal sheet, which is to be painted or coated and is a sound investment for any surface preparation.

Chemtools® Rust Converter may be used on rusted galvanised roofs or surfaces, ornamental ironwork, fencing, structural steel, automotive panels, or rusted nuts and bolts and hand tools.

FEATURES AND BENEFITS:

- Converts rust into a usable metal surface
- Promotes adhesion for paint application
- Will create a lasting barrier against further rust

APPLICATIONS AND USES:

Chemtools Rust Converter should be liberally applied directly to the rust, undiluted, by brush or spray. It is recommended that loose or flaking paint and scaly rust should be removed first with a wire brush or scraper. Continue brushing as the acid dries in order to distribute the solution evenly and to introduce oxygen. This will produce an even colour. Inspect the surface in 15-30 minutes to ensure that all rust is converted and has a black appearance. If any areas require further treatment, reapply as necessary. In hot conditions, clean water may be applied prior to the treatment, to cool the surface and assist in penetration of the Rust Converter. These steps may be repeated until a coating of the desired density and colour is achieved.

PROPERTIES:

- Appearance: Colourless Liquid
- Specific Gravity: 1.2g/cm³
- Solubility in Water: Completely Soluble
- pH: Approx. 3
- Flammability: Non Flammable
- Maximum Surface Temp: 30°C
- Application Rate: (30oC) Approximately 8 square meters per Litre

STORAGE:

Store in a cool, dry place, in tightly closed original containers at a room temperature between 5°C and 40°C. Do not place in direct sunlight or near any heat source. Do not return any used material to its original container.

PRECAUTIONS:

This product is capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheets (SDS) for this and all other products being used are understood by all persons who will work with the material.

WARRANTY:

All products purchased from or supplied by Chemtools® are subject to terms and conditions set out in the contract. Chemtools® warrants only that its products meet the specifications designated as such herein, or in other publications. All other information supplied by Chemtools® is considered accurate, but is furnished upon the express condition. The customer shall make its own assessment to determine the product's suitability for a particular purpose. Chemtools® makes no other warranty, either expressed or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or products will not infringe any patent.