

## Technical Data Sheet

Chemtools® Pty Ltd | Ph: 1300 738 250 (+61 2 9833 9866) | Unit 2, 14 – 16 Lee Holm Road ST MARYS NSW 2760  
Safety Data Sheets, product photos, and other information can be obtained by visiting [www.chemtools.com.au](http://www.chemtools.com.au)



## DEOX R75 Pure Zinc Anti-Seize (Aircraft Grade)

PART NUMBER	AVAILABLE SIZE*
CT-R75-75T	75g Tube
CT-R75-250BT	250g Brush Top
CT-R75-500BT	500g Brush Top
CT-R75-2.5KG	2.5 Kilograms

\*Available sizes may change without notice.

### DESCRIPTION

DEOX R75 Pure Zinc Anti-Seize is an advanced Aircraft Grade lubricating and anti-seizing paste containing extra-fine pure zinc particles within a petrolatum compound. When applied to iron, aluminium, and aluminium alloys the electrochemical galvanising properties of its zinc dust activate to halt corrosion - particularly between dissimilar metals.

R75 is water resistant and formulated to lower friction, reduce wrench torque, and prevent extreme temperature seizing. On threaded components, assembly speeds are increased, and disassembly time, even after lengthy service or severe conditions, is greatly diminished.

Pure Zinc Anti-Seize is non-hardening, compatible with plastics, and remains homogenous during storage. It is commonly found in the farming and mining industries where the reuse of non-corroded, non-seized metal joints and pipes is required, and applied to ensure lubrication of drills, taps, studs, bolts, nuts, hinges, valve fixtures, chains, gears, flanges, pump fittings, keyways, and more.

DEOX R75 meets the performance requirements of CID A-A-59313 (formerly Military Specification MIL-T-22361).

### APPLICATION

Ensure all surfaces are clean of contaminants and grease-free prior to application.

For optimal performance, apply liberally to surfaces, ensuring complete coverage.

Removal of excess from most surfaces can be achieved with mineral spirits.

*Note: This product is not recommended for high-speed bearing applications and where indirect food contact may occur.*

### TECHNICAL DATA

Appearance	Smooth paste
Colour	Grey
Water Resistance	Excellent
NLGI Consistency	2
Solids (Zinc)	> 40%
Carrier plus Additive	> 40%
Specific Gravity	1.2 to 1.4
Temperature Range	-55°C to +399°C
Worked Penetration	165 – 280
RoHS Compliant	Yes
Shelf Life*	5 Years

\*When stored in a closed container. Shelf life may be extended if stored in a cool, dry place. If slight separation occurs, stir product.

### FIRST AID & SAFETY PRECAUTIONS

**Always refer to Safety Data Sheet/s before use.** Use proper Personal Protection Equipment. Do not get in eyes, on skin, or on clothing. Use with adequate ventilation. Avoid breathing fumes. Keep away from heat, sparks, open flames, and hot surfaces. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet/s for this product have been fully understood by all persons who will work with the material.

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### STORAGE & TRANSPORT

**Refer to Safety Data Sheet/s for recommendations.** As a general precaution, keep containers tightly closed, protect from sunlight, and do not expose to temperatures exceeding 50°C. Containers should be secured and stored upright during transit.

### DISCLAIMER

Every effort has been made to ensure the information provided in this document is accurate at the date of publication. Chemtools® Pty Ltd expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools® Pty Ltd shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.