



# RXSOL

CHEMO PHARMA INTERNATIONAL

## Technical Data Sheet (TDS)

**RXSOL-42-1304-025**

DRY ACID DESCALEX

Powder Acid for Removal of Scale and Rust

Decale Powder-RXSOL-15-1008

### Product Description

Decale Powder is a dry acid cleaner formulated to remove rust and scale deposits from boilers, diesel engine cooling water systems, condensers, evaporators, calorifiers and heat exchangers. This product is compatible and suitable with aluminum, copper, zinc, galvanized metals, steel boilers etc.

Powder Acid for Removal of Scale and Rust

### Directions for Use and Dose Rates

The most effective descaling is accomplished by circulation. In the case of small components, the soak method in an immersion bath can be used. If the equipment to be cleaned is contaminated by oil, grease and sludge, then pre-cleaning with Sea-cleaner Plus or Envirocleaner. Depending on the extent of scaling, use a solution of 2.5-10% Decale Powder. The solution will have a red colour which disappears when the solution is neutralised. Whenever possible, the solution should be heated to 60°C. Neutralised solutions can be reactivated by adding more Decale Powder until the red colour reappears. This should not be done more than twice. Decale Powder should not be used on aluminium, zinc, tin or galvanised surfaces. Descaling of Boilers, Descaling of Diesel Engine Cooling Water Systems, Condensers,

### Evaporators, Calorifiers, Heat Exchangers:

The strength of the acid can be enhanced by adding 1 part sodium chloride (common salt) to 20 parts of Decale Powder. This enhancement of the cleaning solution, however, should not be used when descaling diesel engine cooling water systems. After use of Decale Powder a 0.5% solution of Alkalinity Control in fresh water should be used for neutralisation.

powder scale remover designed for use in the chemical cleaning of evaporators, boilers, cooling towers, heat exchangers, tanks and pipes, which are commonly fouled by hard water scales, grease, tarts and other impurities.

RXSOL Decale Powder contains corrosion inhibitor which provides corrosion protection even after the cleaning, unlike other acid cleaning chemicals which may increase corrosion rate after cleaning. Moreover, it contains pH indicator which facilitate monitoring of cleaning progress.

---

### Product Properties

---

|               |                                                                      |
|---------------|----------------------------------------------------------------------|
| Appearance    | Yellowish powder                                                     |
| Density       | in g/cm <sup>3</sup> at 15°C: 1.2                                    |
| Flash Point   | (PMCC) in °C: N/A                                                    |
| pH            | in 10 wt-%: 1.1                                                      |
| Compatibility |                                                                      |
| Metal         | Avoid aluminium, zinc, tin and their alloys and galvanised surfaces. |
| Rubber        | No known effect.                                                     |

---

### Features, Benefits and Applications

- Dry acid cleaner contains inhibitors to protect metals.
- Contains colour indicator to show the strength of the solution and anti-foam agent.
- Safe and easy handling and storage.
- Fast and effective scale remover.
- Removes scale from boilers.
- Removes scale from diesel engine cooling water systems.
- Removes scale and rust from condensers, evaporators, heat exchangers etc.

**\*\*Read the Material Safety Data Sheet before using this product\*\***

---

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit [eastindiachemicals.com](http://eastindiachemicals.com). This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.