

# deox-GEL

## gelled rust remover

### Product Function:

Deox-Gel is a viscous highly thixotropic rust remover designed for corrosion removal on surfaces or objects too large to submerge in a bath of Deox-C. Along with the viscosity builders and preservatives the active agents in Deox-Gel are harmless, non-toxic and biodegradable.

### How to Use:

It is always preferable where possible to soak items in a bath of Deox-C as the active materials in solution are always available in large quantities and can be left to remove corrosion products with little or no attention. Deox-Gel requires a hands-on approach. However where soaking is not viable Deox-Gel does allow complete corrosion removal. Deox-GEL should be shaken firmly from the inverted pot - it will not pour or drip from a vertical surface. **There are two methods for use the first for light corrosion the second for medium / heavy.**

1. The area to be treated should be wire-brushed or abraded with abrasive paper or wheel. Shifting surface corrosion in this fashion speeds the process, allowing Deox-GEL to penetrate pits and remove corrosion that the abrasive methods cannot.
2. Thoroughly degrease using mineral spirits (white spirit) or other solvent.
3. Wash area with hot soapy water and wipe dry.
4. Apply a thick EVEN\* coat (up to 4 mm-heavier rust = thicker coat) of Deox-Gel, with brush, trowel or spatula and leave for 30 - 120 + minutes. **Heavy / medium rust will take longer up to 12-48 hrs please follow the additional instructions below \*\*.**
5. Vigorously wire-brush or preferably use a Scotch-Brite® (abrasive pad) to agitate the area while gel is in situ. If treating chrome-plated surfaces use a stiff-bristled plastic brush or toothbrush.
6. **Wash with clean water and scrub well with plastic bristled brush** - ensure surface is completely free of gel residue.
7. If corrosion remains repeat steps 3 onwards.

\*It cannot be over-emphasised that the gel should be applied at a uniform thickness over the entire target area.

#### \*\*HEAVY RUST REMOVAL:

If leaving Deox-GEL for long periods of up to 12 -48 hours for removing heavy corrosion then covering the applied gel with cling-film, or similar will prevent drying allowing the gel to remain active and easy to wash away even after 48 hrs. Do not disturb the gel during this time. After the treatment period remove gel and scrub the surface with a stiff-bristled brush and plenty of water – if corrosion remains repeat. **PLEASE NOTE that immediately after removal of the gel the surface may still look in a corroded / rusted state – the scrubbing / water rinsing process frees the lifted oxides and is an essential stage.** . Two applications are normally sufficient for even the heaviest corrosion. Dry site with paper towel, compressed air, or hot air gun and paint immediately.

### After Treatment:

Derusted items should be treated immediately with a water-displacing fluid such as Bilt-Hamber Ferrosol, or painted. Bilt-Hamber's water based Hydrate 80 is an ideal first coat to be applied to a Deox-Gel treated surface, this active material effectively passivates steel surfaces providing excellent long term anti-corrosion properties.

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