

ARDROX[®] 3968

Water Displacing Corrosion Preventative

PRIMARY APPLICATION

ARDROX 3968 is a mobile liquid which will completely displace fresh or salt water from metal surfaces. It contains a volatile solvent and when this has evaporated, a very thin oil film remains which gives protection to the metal surface.

In metal finishing operations Ardrex 3968 provides an alternative to oven drying where the presence of the final thin oil film is not considered detrimental. As temporary corrosion prevention is provided, the method allows a delay between various processing systems without the danger of corrosion.

Ardrex 3968 has extremely good spreading and penetrating properties and is, therefore, very suitable as an aid to freeing seized –up parts, particularly if these are wet. Due to its water displacing properties, Ardrex 3968 will rapidly restore electrical equipment which has been subjected to flooding to an operative condition. Typical examples of this are electric motors, switchgear and automobile ignition systems.

CHEMICAL CHARACTERISTICS

Appearance	Stray brown liquid
Specific Gravity	0.810 at 68°F, (20°C)
Flash Point	140°F (60°C) PMCC
Dry Film Weight.....	Approximately 0.002 kg/m ² (2 microns thickness)

APPROVALS

Ardrex 3968 is approved by General Electric, Pratt & Whitney, Rolls Royce, Messier Dowty and others. Speak to your Chemetall representative for a complete listing of approvals.

APPLICATION PROCEDURE

Ardrex 3968 may be applied by any of the conventional methods such as brushing, dipping, spraying, or swapping. Dipping tanks should be constructed with a sloping or conical bottom. During, use, water will accumulate at the bottom of the tank and should be periodically run off. Immersion times do not need to exceed five minutes and usually 2 - 3 minutes is adequate. Agitation of work in dipping processes should be avoided as this will tend to emulsify the displaced water.

EFFECTS ON MATERIALS

The product will not affect normal paint systems and is not corrosive to copper. It may cause some swelling of rubbers if they are continually immersed. However, if a thin film is applied, the effect will be minimal and will largely disappear as the solvent evaporates. Mild steel is a suitable material for tank construction.

PRECAUTIONS

- Avoid contact with skin and eyes.
- Wear protective clothing including gloves.
- When spraying use under conditions of reasonable ventilation.
- No smoking or other open flames permitted.
- In case of skin contact wash with soap and water.
- In case of eye contact wash immediately with water and obtain medical advice.

NOTES ON USE (See Safety Data Sheet)

SAFETY AND HANDLING

Prior to handling and use of any of the materials referenced in this document, the Safety Data Sheets should be read and understood by all personnel in contact with these materials.

KEEP OUT OF REACH OF CHILDREN

STORAGE

Dry indoor storage at temperatures between 40°F and 100°F (4.4°C and 37.8°C) is recommended, away from any incompatible materials referenced in the Safety Data Sheets. All containers should be tightly closed when not in use.

SHELF LIFE

The shelf life of Ardrex 3968 is 3 years.

DISPOSAL

Any disposal of the materials referenced in this document should be in accordance with all applicable federal, state, providential and local regulations. The process solution can contain components other than those present in the materials as supplied. Analysis of process solutions may be required prior to disposal.

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North American Headquarters
675 Central Avenue
New Providence, NJ 07974
Tel: 908-464-6900
Toll-free: 800-526-4473
Fax: 908-464-7914

Chemetall Canada
Kenview Blvd.
Suite 110
Brampton, Ontario L6T 5E6
Tel: 905-791-1628
Toll-free: 877-311-1471
Fax: 905-791-1459

Chemetall Mexicana, S.A. de C.V.
Avenida El Tepeyac No. 1420-B
Parque Industrial O'Donnell-Aeropuerto
El Marqués, Querétaro
C.P. 76250, México
Querétaro Tel: +52 (442) 227 2000
Monterrey Tel: +52 (81) 8371 2517

Chemetall U.S.
1100 Technology Drive
Jackson, MI 49201
Tel: 517-787-4846
Toll-free: 877-941-3800
Fax: 517-787-5538

Chemetall U.S.
46716 Lakeview Blvd.
Fremont, CA 94538
Tel: 408-387-5340
Fax: 408-809-2883