



ARDEX WA Chemical Resistance

We are writing to confirm that additional chemical-resistance testing has been completed for ARDEX WA.

Below is the complete list of confirmed chemical resistances for ARDEX WA.

- Chemical resistances that are published in the current technical data sheet are listed in gray.
- Heretofore unpublished chemical resistances are listed in black.
- Chemical resistances being removed from the list are listed in ~~black strikethrough~~.

Long-term resistance. No effects noted after 7-day immersion.

- Aluminum sulfate (26.5%, saturated)
- Ammonia (concentrated)
- Animal fats
- Brine
- Calcium chloride (saturated)
- Calcium hydroxide (saturated)
- Carbon disulfite
- Caustic soda (saturated)
- Chromic Acid (5%)
- Citric acid (saturated)
- Diesel
- Effluent (wastewater, non-industrial)
- Ethylene glycol
- Ferrum (III) chloride (47.9%, saturated)
- Formalin solution (3%)
- Formic acid (2.5%)
- Glycerine
- Household detergent
- Hydrochloric acid (<36%)
- Hydrofluoric acid (1%)
- ~~Hydrogen peroxide (<10%)~~
- Hydrogen peroxide (25%)
- Hypochlorite solution (act. Cl 165 g/L)
- Lactic acid (10%)
- Methyl alcohol (<5NR%)
- Moor water
- Nitric acid (<1NR%; not concentrated)
- Oleic acid
- Olive oil
- Oxalic acid (10% in water)
- Peanut oil
- Petrol
- ~~Phosphoric acid (<5NR%)~~

- Phosphoric acid (75%)
- Photographic developing fluid
- **Sea water**
- Sodium bisulphite (23%, saturated)
- Sodium chromate (34%, saturated)
- Sodium hydroxide (saturated)
- Sodium hyposulfite (17%, saturated)
- Sulphuric acid (<8NR%)
- Tannic acid (10% ig)
- Tartaric acid (saturated)
- Toluene
- Treacle
- Turpentine
- Vegetable fats
- Xylene

Long-term resistance. No effects other than discoloration noted after 7-day immersion.

- Potassium permanganate ($\leq 10\%$)

Short-term resistance. No effects noted after 1-day immersion; effects noted after 3-day immersion.

- Acetic acid (5%)
- Ethyl alcohol (concentrated)
- ~~Formic acid (1%)~~
- Formic acid (10%)
- Lactic acid (20%)
- Nitric acid (<4NR%; not concentrated)

Not resistant. Effects noted after 1-day immersion.

- Acetic acid (>10%)
- Acetone
- Butanone (MEK)
- Chloroform
- Ethyl acetate
- ~~Formic acid (3%)~~
- Hydrofluoric acid (>5%)
- Lactic acid (>20%)
- Methylene chloride
- Nitric acid (concentrated)
- Sulfuric acid (96%)

The ARDEX WA technical data sheet will be updated to reflect these changes. Should you have questions on this information, please feel free to contact the ARDEX Technical Services Department.

A handwritten signature in black ink, appearing to read 'T. Schneider', with a long horizontal flourish extending to the right.

Tivona Schneider
Technical Communications Supervisor

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