



DESCALANT NF-LIQUID

Acid cleaning agent to remove deposits in water systems

- **Completely inhibited.**
- **Free of chlorides.**
- **Also to be used on light metals (aluminium, zinc, tin etc.).**

APPLICATION

DESCALANT NF-LIQUID is used to remove (lime) deposits in air conditioning systems, water boilers and systems made from zinc, tin, aluminium, cast iron, galvanised materials and martensitic stainless steel.

DIRECTIONS FOR USE

CIRCULATION / FILLING

1. Prior to the actual cleaning with DESCALANT NF-LIQUID solution, it is advised to rinse with water in order to remove flakes, mud etc.
2. DESCALANT NF-LIQUID is normally used cold. The solution can be heated to a maximum of 50 °C to obtain a quick cleaning.
3. The maximum solution is 1 liter DESCALANT NF-LIQUID to every 4 liters of water. The minimum solution is 1 liter DESCALANT NF-LIQUID to every 9 liters of water. Further dilution is advised against as the inhibiting working will decrease strongly.
4. During cleaning flammable gases may be liberated. Be sure that aeration is sufficient and avoid open fire or ignition.
5. The duration of cleaning depends on the amount and character of the deposits. Generally the duration of the cleaning will be no longer than 24 hours.
6. After cleaning, the cleaning liquid should be drained and neutralized with NEUTRALIZING LIQUID.
7. Rinse thoroughly with water, until pH-test show a neutral result.

NOTICE: Rinsing afterwards with a solution of NEUTRALIZING LIQUID is usually not possible, because DESCALANT NF-LIQUID is advised for systems which contain cast iron, aluminium, zinc, tin and galvanised materials. These are so called amphotere metals, which all dissolve in an alkaline liquid (pH > 7). After the use of DESCALANT NF-LIQUID, long term rinsing with water is the only proper way.

IMMERSION BATH

Fill a synthetic (or synthetic faced) bath with a solution of 1 part DESCALANT NF-LIQUID to every 2 parts of water. The product is normally used cold. The solution can be heated to a maximum of 50 °C to obtain a quick cleaning. Place the objects that are to be cleaned in the bath and allow the product to work, depending on the amount and character of the deposits, for maximum 24 hours. Get the objects out and spray them with a powerful water jet.

PROPERTIES

Light yellow liquid that contains formic acid. Completely mixable with water.

Specific Gravity (20 °C)	:	1.06
Flash point (PMCC)	:	none
pH (1% solution)	:	2.5

NATURE OF SPECIAL RISKS AND SAFETY ADVICE

See our Material Safety Data Sheet.

VECOM: Specialists in Metal Surface Treatment www.vecom-group.com

The details of our products are given completely free of undertaking. Since their application lies outside our control, we cannot accept any liability of the results (September 2008)

Contact details: see www.vecom-group.com