

# 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, galvanized 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 litre DESCALANT NF-LIQUID to every 4 litres of water. The minimum solution is 1 litre DESCALANT NF-LIQUID to every 9 litres 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 galvanized materials. These are so called amphoteric 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.

**V-COM CHEMICALS** Your chemical and industrial cleaning expert

The details of our products are given completely free of undertaking. Since their application lies outside our control we cannot accept any liability for the results. Contact details: sales@v-comchemicals.nl / +31 (0) 10 593 0203