

# DETRIL C4

## SUPER DESCALER CLEANER RUST REMOVER NETTOYANT



- **Dissolves, strips and quickly destroys limestone, even very siliceous, rust and vegetal deposits.**
- **Safe to use on steel, copper, brass and plastics in conditions of use.**
- **Avoids degradation of surfaces and increases durability of pipes, channels, coils...**
- **Concentration and exceptional efficiency of DETRIL C4 reduce maintenance and downtimes, thus allowing important savings.**

### PHYSICO-CHEMICAL CHARACTERISTICS :

- Limpid liquid, yellow, foaming.
- Surfactant.
- Emits acid vapors particularly when hot.
- Miscible with water in all proportions.
- Non miscible with organic solvents.
- Density at 20 °C: 1,10 ± 0,02
- Flash point : None, non flammable.
- Aqueous solution of hydrochloric and hydrofluoric acids, wetting agents, surfactants and organic attack inhibitors.
- Acid pH : lower than 1 even at use dosis.
- Degreaser, deoxydizer, descaler of ordinary steels.
- DETRIL C4 attacks glass and silica derivates (earthenware, enamel).
- light deoxydizer for copper, brass, bronze, stainless steel.
- Contains a corrosion inhibitor.

### SAFETY / ENVIRONMENT :

- DETRIL C4 is classified T : TOXIC and C : CORROSIVE.
- DETRIL C4 is toxic by inhalation , skin contact and ingestion.
- DETRIL C 4 causes severe burns and irritates eyes, respiratory system and skin.
- In case of projections: remove contaminated clothing and wash immediatly and abundantly with water; consult immediatly an ophthalmologist if eye is affected.
- For handling in large containers, properly ventilate the workplace and provide staff with goggles, gloves, boots and anti acid aprons.
- Disposal of wastewater to sewage can only be done after neutralizing DETRIL C4 with AXIS PNM or AXIS 3F RNM.
- Respect use dosis.

### INSTRUCTIONS FOR USE :

#### 1 - By flowing :

- Drain the sludge then rinse equipment and drain again.
  - Enter the amount of water needed to flow and complete with DETRIL C4 in order to obtain a concentration from 5 to 10%.
  - Flow the solution at 60°C maximum for 1 to 6H by opening manual acces in order to allow evacuation of gas. Check regularly the solution's pH : if > than 3, add DETRIL C4 in order to lower pH to 1 approximatively.
  - Drain, then rinse with water until pH of plain water is reached.
- Remark :** concentration of DETRIL C4 may be reduced for big volumes by increasing flow time.

#### 2 - By soaking :

- Treat by soaking in plastic bins with DETRIL C4 diluted from 1 to 10 times (50% to 10%) according to descaling to be performed. Let stand and rinse with plain water.
- Eventually neutralize treated items with AXIS PNM or AXIS 3F RNM diluted from 10% to 20%.

### EXAMPLES OF APPLICATIONS :

- Descaling-stripping of Industrial boilers, condensers, pipings, heat exchangers, evaporators, cooling systems, central heatings...
- Descaling-stripping of various devices : heaters, water heaters...