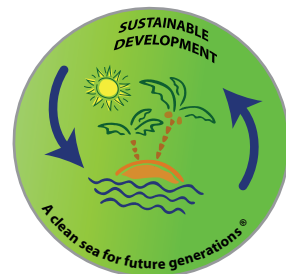


# D.K.L.4



## THERMAL NON-CORROSIVE DESCALER WITH A BUILT-IN INDICATOR



**D.K.L.4** is a **specifically non-corrosive descaler with a built-in indicator** which shows when descaling has finished.

**D.K.L.4** provides **total descaling in complete safety** of all calcereous deposits in heat exchangers, condensers, evaporators and refrigeration circuits.

**D.K.L.4** does not affect ferrous metals. For all other metals such as **copper, aluminium, brass and chrome** one must rinse generously after use.

**D.K.L.4** does not affect plastics and rubber materials. **D.K.L.4** can be used in complete safety. It does not give off any corrosive or noxious vapour.

### Technical data :

- Physical state : Liquid
- Density : 1080 g/l. +/- 20g/l
- Chemical reaction : Acid.
- pH in solution at 5% : < 1
- Colour : Red

**1st stage : DESCALING :** Dilute 3% of **D.K.L.4** in soft water (i.e. 3 litres for 100 litres of water). The solution is red color. Turn the engine for 15 to 30 minutes maximum supervising T degree of the engine. As the solution will take care of limestone, its color will transfer to yellow. Do not drain the circuit.

**2nd Stage : CONTROL :** Start again the operation with a new solution by using the rest of product. Turn the engine for a few minutes. If the solution remains red, it means that descaling is finished. If not, turn the solution in the circuit for 15 to 30 minutes. Drain and rinse the circuit.

In the same way, it is possible to carry out the descaling of an outboard engine.

For the descaling of the parts, dilute 1 litre of product in 5 litres of water. Immerse the parts which are highly scaled in the solution of **D.K.L.4**. The reaction time will be more or less (a few hours) according to the state of clogging of the parts. Then rinse.

**Ref. 662M - Bottle 1 litre**  
**Ref. 662M.5 - Bottle 5 litres**  
**Ref. 662MF - Barrel 220 l**  
Shelf Life : 3 years

H315 Causes skin irritation. H319 Causes serious eye irritation. P280 Wear protective gloves / eye protection. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P102 Keep out of reach of children. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Always make beforehand, a test with the surface to be treated to determine the compatibility and the time of contact suited. Contains less than 5% of non-ionic agent surfaces (Règlement CE n° 648/2004 - 907/2006)

This document does not imply our responsibility as to specific applications. This data sheet can already, at this precise moment, be revised for reasons due to the legislation, the availability of components or experiences recently acquired. The last version of this data sheet, which is the only one valid, will be sent to you on simple request. Matt Chem Marine® is a registered-mark by Matt Chem Product®.



SAS MATT CHEM PRODUCT®  
FRENCH MANUFACTURE  
(92) Bagneux France  
Tel : +33 (0)1 42 53 73 73 – Fax : +33 (0)1 47 35 27 28  
www.mattchem.com - info@mattchem.fr  
May 2016