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TROS-TERMORENS liquid 100-2015-1- English

HOCNF approved in NEMS data base Statoil, SAP material no: 580117, can dispose into the sea.

**TermoRens liquid 100 for removal of lime, magnetite, oxide (corrosion), humus, salt and other contamination. The product is used in piping systems, vacuum systems, heat exchangers, or in a dip-tray. The product has the same effect as acid cleansing on stainless steel. Kills bacteria and Legionella in water systems.**

The product is environmental friendly and do not react with other product other than specified. After treatment, flush the system with water until you achieve a normal pH reading. Then you can carry out painting as normal.

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## PHYSICAL DATA

Type.....TermoRens Liquid 100  
Color.....Yellow/brown  
pH Value.....1,4  
Weight per liter.....1,14 Kg/per/liter  
Flash point.....Non flammable

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## USER DATA

Mixing ratio.....10% concentrate to undiluted.  
Method of applying.....Undiluted or diluted in water.  
Processing time.....6 hours to 2 days. Depending on the amount to  
be removed and temperature.  
Cleaning solution.....Water

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## SAFETY DATA SHEET

There is a material safety data sheet for the product.

The material safety data sheet is prepared in ECO Publisher (ECOonline).

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## FIRE HAZARD CLASSIFICATION

NORWAY.....Non flammable

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## DIVERSE

Packaging sizes.....25-liter containers and 1000 liter pallet tanks.  
Note.....Apply undiluted or diluted in water.

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## INSTRUCTION FOR USAGE

### Preparation

The surface has to be free from oil, fat or similar.

Degrease area if needed.



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### Usage

TermoRens liquid 100 is filled to your system using an external pump. In heating system you calculate 10% to 100% of the systems volume. The cleansing goes faster when the medium is heated to 40-60 Degrees C. You can cleanse in cold medium as well by applying glycol (Our on-site engineers will evaluate this).

When TermoRens is added, use the systems own pumps or an external pump to generate circulation. All valves must be open to ensure TermoRens reaches all areas. If you only intend to cleanse the heat exchangers, separate heating lines, single radiators, coils, condensers or other items that doesn't have circulation, use a portable circulation pump. Time required depends on the amount of scale/corrosion to be removed and its density. Normally most installations would reinstate full effect after only one day. When cleansing single components the cleansing process is often completed within a few hours. Hard scale like lime, corrosion etc. is liquidized and washed out of the system after cleansing. Drain all liquid after cleansing.

With circulation in a close loop system you might need to add anti-foam liquid (we can supply).

TermoRens liquid100 can be used on all metal and plastic materials without causing any harm. It doesn't harm gasket & seals in the system.

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## IN GENERAL

TermoRens liquid 100 is a liquid with a capability to penetrate; it dissolves corrosion and scale, kills bacteria and legionella.

TermoRens liquid 100 has the same effect as Acid wash on stainless steel material.

For more detail information go to: [www.tros.as](http://www.tros.as) and Material Safety Data Sheet.

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Information in this technical data sheet is based on thoroughly laboratorial research and practical experience. Since the condition our product is used under often is beyond our control, we cannot guaranty other than the quality of our product. We receive the rights to do changes without notification to mentioned data. TermoRens is like half of the product. The result depends on the construction, the surface area, the surface characteristic, pre-preparation, temperature, humidity, how its applied etc.

Ask for further information.

