

Multipurpose cleaning agent

For use in ultrasonic tanks
Laboratories

- Concentrated
- Moderate alkalinity
- Contains corrosion inhibitors
- Low concentration of use
- Cost effective



Processes of use

Applications

RBS T 141 is recommended for cleaning glassware and laboratory equipment. It removes biological residues, cell and tissue culture media, organic residues etc. RBS T 141 presents high compatibility with most materials and is suitable for gentle cleaning of parts made of glass, plastic and metals.

Use instruction and concentration

Ultrasonic cleaning: Prepare a 1% solution of RBS T 141 (10 ml per litre of water) at 20-80°C. Immerse parts and items to be cleaned in the solution. Ensure all surfaces are in contact with the cleaning solution. The concentration can be increased up to 5% in case of heavily soiled parts.

In case of cleaning by soaking only (without ultrasonic energy), use concentration ranges between 2% and 5% depending on residues level.

Cleaning time may range from 1-10 minutes in ultrasonic systems to 15-60 min in case of simple soaking. After cleaning, thoroughly rinse cleaned parts with water and perform a final rinse with deionized water. Dry parts at ambient air or under hot air flow.

Physical and chemical properties

Lightly yellowish liquid with characteristic smell

- pH sol. 1%: 10
- Density at 20°C: 1.11

Safety and advice

Do not mix with other products. Read the Safety Data Sheet before use.

This product is not for domestic use.

Storage conditions : refer to the Safety Data Sheet.

Ingredients

- Phosphates
- Metasilicate
- Anionic and non ionic surfactants
- Chelating agents

Pack size available

5 litre bottle available in box of 4 x 5 l

Compatibility tests

Laboratory tests carried out by the Belgian Welding Institute (BWI) have demonstrated the compatibility of RBS T 141 with the metals: copper, zinc, brass, tin, aluminium, gold, silver and platinum.

To this end, metal coupons were immersed for 60 minutes in a 10% solution of RBS T 141 at a temperature of 60°C (worst case) without being subject to visual degradation or notable weight variation.

For treatment of metal parts at higher concentration, temperature or contact time, preliminary compatibility tests are recommended.

DOMINIQUE DUTSCHER SAS

