

RBS 25 Cleaning Agent (5 Litres)

Product Code: RBS25

Brand: RBS

RBS 25 Cleaning Agent (5 Litres) is a multi-purpose concentrated foaming alkaline liquid cleaning agent that can be used for manual cleaning, soaking, and ultrasonic cleaning in laboratories (e.g. glassware and equipment made of stainless steel, plastic, porcelain, quartz, and ceramic) and the industrial sector.

Features

- **Main Components:** Anionic and non-ionic surfactants, phosphates and polyphosphates, hydrates, and chlorinated agents
- **Uses:** Cleaning and decontaminating agent for all types of surfaces, containers, and instruments. For manual use, soaking, and ultrasonic baths
- **Application:** Laboratories (analysis, research, control) and industry (nuclear, micro-electronic, glass, optic, plastic)
- **Use Concentration:** 2% v/v in water (normal use) and 10% v/v (radioactive decontamination)
- **Physical and Chemical Data:** White foaming liquid with a neutral smell, **pH pure:** ± 13 , **pH sol 2% v/v:** ± 11.9 , and **density at 20°C:** ± 1.094
- **Radioactive Decontamination Activity:**
 - **By soaking,** the use of a **10% RBS 25** solution permits to reach a decontamination factor of ± 100 on stainless steel with ^{99}Mo ^{99}Tc couple.
 - **In ultrasonic baths,** (8 hours at 40°C + 24 hours of soaking, **RBS 25 at 10%** has also shown a very good efficiency (decontamination factor of ± 100) on glass, lead and stainless steel with common elements such as ^{99}Mo , ^{131}I , ^{192}Ir , ^{51}Cr , and ^{67}Ga .
 - A 2% solution of RBS 25 in ultrasonic baths provides good results for lead protection plates contaminated by various elements.
- **Specificities:** Thanks to its high emulsifying and wetting power, RBS 25 ensures an excellent penetration activity in the cleaning baths. **In laboratories,** it is used for cleaning glassware and equipment made of stainless steel, plastic, porcelain, quartz, and ceramic. It removes organic and mineral residues, greases, oils, distillation residues, proteins, and cell cultures. **In industry,** it is used as a technical product for cleaning and degreasing electronic components, silicon wafers, metal part, injection moulds, glass, and optical lenses. RBS 25 is also suitable for the **radioactive decontamination** of containers, items and surfaces made of glass, plastic, and stainless steel
- **Use process:** RBS 25 can be used for **manual cleaning**, in **ultrasonic baths**, and **soaking**
- **Direction for use:** Dilute 20ml of RBS 25 per litre of water (preferably at 50°C). For radioactive decontamination, increase the contamination to 100ml of RBS 25 per litre of water. In case of soaking, immerse completely the soiled items to ensure an optimal contact with the cleaning solution. Rinse immediately with tap water, or better, with demineralized water. RBS 25 is easily and totally eliminated without leaving any traces or invisible film. **Remark:** the use of an ultrasonic bath and/or an increase of the temperature of the cleaning solution may be of help in case of stubborn soils.
- **Advice:** Do not mix with other products. Do renew baths frequently to ensure a constant efficiency (the first weakening indications are a decrease in pH and absence of foam). RBS 25 being alkaline, it is not recommended in presence of white metals



Specifications

Size	5 litres
Use Concentration	Ready-to-use solution
Packaging	Box of 4 x 5 litres
Weight (kg)	30

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