

Product Data Sheet

Product Code: RFA

Issued: April 13, 2021

What is RF-12?

RF-12 is a sanitiser concentrate for use in all food processing areas. When correctly diluted, RF-12 solutions do not need to be rinsed off.

Key Benefits

- ✓ No rinsing is required after use
- ✓ Effective on a wide range of bacteria

How Does It Work?

RF-12 is a food-grade sanitiser for use in kitchens and food processing areas. It is an excellent sanitiser for general surfaces, pots and pans, floors and for equipment. When cleaned then treated with RF-12, these items are rendered safe and free from bacteria.

Technical Data

Composition

RF-12 is a liquid sanitiser which is based on benzalkonium chloride. RF-12 complies with the USDA Guidelines for obtaining Authorisation of Compounds to be used in meat and poultry, plants, Part 5, Section 5.4(A)(3)(i). RF-12 leaves a non-toxic film on surfaces that prevents bacteria from multiplying.

Properties



COLOUR – Colourless transparent liquid
ODOUR – Mild Odour
pH = 6.8 – 7.8
FOAM – Moderate foam height

ACTIVE INGREDIENT – 4000ppm Benzalkonium chloride (Quaternary Ammonium Compound)

SHELF LIFE: 2 years from date of manufacture

Environmental Care



RF-12 conforms with all statutory environmental requirements. It is based on safe ingredients selected to perform efficiently so there is no waste or damage.

RF-12 is non-flammable and based on biodegradable ingredients. RF-12 containers will be cleaned and reused if returned to Agar Cleaning Systems, significantly reducing plastic usage and waste. They can also be recycled.

Quality

The design, manufacture and supply of all Agar chemical products is controlled by the Agar Quality Management System which is registered and externally audited by SAI Global as complying with the requirements of AS/NZS ISO 9001 "Quality Management Systems – Requirements".

First Certified: 30 April 1996 SAI Certificate No.: QEC7358

Approvals

RF-12 has passed independent laboratory tests for biocidal performance against: pseudomonas aeruginosa, staphylococcus aureus and escherichia coli. RF-12 achieved excellent kill rates after 5 minutes contact time. For more information, please consult your Agar representative.

RF-12 has been approved under Category 6 as a Sanitiser (non-rinse) for use in all departments of establishments registered under the Export Control Act 1982 Export Meat Orders by the Australian Quarantine and Inspections Service (AQIS) for preparation of meat and meat products for export.

Application

HARD, NON-POROUS SURFACES

Scrub surfaces with detergent to remove food residues then rinse and allow to drain. For rinse-free sanitising, dilute RF-12 to 1 in 20. This is 1L of RF-12 per 20L of water. This will produce a solution with 200ppm of quaternary ammonium compound. Make up solution and apply to surface with mop, cloth or sponge. Direct contact with prescribed goods (e.g. foodstuffs) must be prevented. Leave solution in contact with surface for 5 minutes or more to kill any bacteria. Rinsing is not required, but treated surfaces should be adequately drained before processing operations resume.

POROUS AND SEMI-POROUS SURFACES / HEAVY DUTY SANITISING

Scrub surface clean with detergent, rinse and drain. Dilute RF-12 to 1 in 6 with water. This is 3.12L of RF-12 per 20L of water. Apply solution with mop, cloth or sponge and leave in contact at least 5 minutes. Rinse well with potable water and allow to drain well before use.

Storage of diluted product

To ensure the best results when using RF-12:

1. Once the product has been diluted with water, use within one month.
2. When making a new solution, always use a clean, dry bottle. It is good practice to discard the old solution, wash out container, let it dry overnight then add the fresh solution to the clean empty bottle.
3. Do not 'top up' old solutions with new solutions as this can lead to contamination.
4. Do not mix RF-12 with soap or any other chemicals as this may deactivate the germ-killing action.
5. RF-12 is a sanitiser, not a detergent. Always clean the surface with detergent and rinse soilage away before applying RF-12 solution.

Available in: 5L

Dispensing Accessories: 500ml Spray Bottle – Code D5RF
Trigger 500ml Bottle Plain Blue/White – Code DTR

Agar Cleaning Systems maintains Safety Data Sheets (SDS) on all of its products. These sheets contain information that you may need to protect your employees and customers against health or safety hazards associated with our product. Agar Cleaning Systems recommends that you obtain a copy of the respective SDS sheet prior to using this product. The information in the Product Data Sheet is based on data we believe to be reliable. It is offered in good faith, but without guarantee, as conditions and methods of use of our product are beyond our control.