



Interbiotech - BioScience Innovations

P09E

- [PCC-54 Detergent Concentrate](#) – a general cleaning agent for laboratory surfaces. Alternative to RBS-35.
- [PCC-Pfree Detergent Concentrate](#) – The eco-friendly formulation of PCC-54 Detergent.




■ PCC-54 Detergent Concentrate

PCC-54 Detergent Concentrate is a general cleaning agent for use on many laboratory surface materials and glassware, including lenses, mirrors, and reflectors.

The cleaning detergent is mixture of anionic and nonionic surfactants. PCC-54 Detergent is strong enough to remove biological residues from plastic and glass, yet it is fully biodegradable and rinses away thoroughly to leave no residue. Use a 2% (v/v) solution for routine washing applications or soaking in a warm 20% solution to free particularly stubborn dry residues. Mix two parts 2% PCC-54 Detergent solution with one part ethyl alcohol to remove greases and oils.

Applications include the removal of:

- Coomassie blue dye from test tubes and quartz cuvettes
- Blood or serum residue from glass or plastic beakers and flasks
- Colored dyes from porcelain mortar and pestles
- HIV virus from glassware, tabletops and flooring
- Radioactive isotopes from benchtops and instrument surfaces

Product #	Description	Pkg. Size	Instructions	MSDS	CofA	
72288	PCC-54 Detergent Concentrate Formulation: Proprietary surfactant solution; clear, colorless to yellow liquid <i>Sufficient For: 150L of 2% working solution</i>	3L				Price
72289	PCC-54 Detergent Concentrate Formulation: Proprietary surfactant solution; clear, colorless to yellow liquid <i>Sufficient For: 600L of 2% working solution</i>	4 x 3L				
A free pump dispenser is available upon request. Specify Part No. 72300 when you place your order.						

Product Details:

Complete removal of all impurities and contaminants from glassware is a necessity for most laboratory applications. For many years, caustic alcohol and chromic acid solutions were used for many substances that could not be cleaned from glassware by ordinary detergents. These strongly acidic or strongly basic cleaning products reduce the lifespan of glassware while exposing the user to potential harm. By contrast, PCC-54 and RBS 35™ Products are mildly basic, biodegradable, surfactant concentrates containing anionic and nonionic detergents. The surfactants clean by penetrating between contaminating substances and the surfaces to be cleaned. Glass, plastics, quartz, porcelain and ferrous metal apparatus can be cleaned safely and effectively in a 2% solution (v/v) of the concentrates or a 0.2% solution (w/v) of the solids. PCC-54 and RBS™ Cleaners remove both organic and inorganic materials and metal ions from laboratory equipment. The detergents rinse away completely, leaving no residue.

■ PCC-Pfree Detergent Concentrate



The eco-friendly formulation of PCC-54 Detergent.

PCC-Pfree Detergent Concentrate is a phosphate-free formulation of a surfactant-based cleaning agent for use on many laboratory surfaces and glassware; unlike RBS™ Detergent, it is available in Europe.

The cleaning detergent is an alkaline solution of anionic and nonionic surfactants. PCC-Pfree Detergent is strong enough to remove biological residues from plastic and glass, yet it is fully biodegradable and does not contain phosphates that can harm the environment. Use a 2% (v/v) solution for routine washing applications or soaking in a warm 20% solution to free particularly stubborn dry residues.

Applications include the removal of:

- Coomassie blue dye from test tubes and quartz cuvettes
- Blood or serum residue from glass or plastic beakers and flasks
- Colored dyes from porcelain mortar and pestles
- HIV virus from glassware, tabletops and flooring
- Radioactive isotopes from benchtops and instrument surfaces

Product #	Description	Pkg. Size	Instructions	MSDS	CofA	Price
72290	PCC-Pfree Detergent Concentrate Proprietary phosphate-free surfactant solution; clear, colorless to pale yellow liquid <i>Sufficient For: 150L of 2% working solution</i>	3L				Price

Product Details:

Complete removal of all impurities and contaminants from glassware is a necessity for most laboratory applications. For many years, caustic alcohol and chromic acid solutions were used for many substances that could not be cleaned from glassware by ordinary detergents. These strongly acidic or strongly basic cleaning products reduce the lifespan of glassware while exposing the user to potential harm. By contrast, PCC-54 and RBS 35™ Products are mildly basic, biodegradable, surfactant concentrates containing anionic and nonionic detergents. The surfactants clean by penetrating between contaminating substances and the surfaces to be cleaned. Glass, plastics, quartz, porcelain and ferrous metal apparatus can be cleaned safely and effectively in a 2% solution (v/v) of the concentrates or a 0.2% solution (w/v) of the solids. PCC-54 and RBS™ Cleaners remove both organic and inorganic materials and metal ions from laboratory equipment. The detergents rinse away completely, leaving no residue.

Related Products: RBS products

- **RBS Solid** – especially for automatic washers (do not sell in Europe)

RBS Solid is a low-foaming, surface-active powdered detergent formulated for use in automatic laboratory dishwashing machines.

The cleaning detergent is mixture of anionic and nonionic surfactants. RBS™ Solid is strong enough to remove biological residues from plastic and glass, yet it is fully biodegradable and rinses away thoroughly to leave no residue. Use RBS Solid at approximately 10 to 30g per 10L of water in the wash cycle in automatic washers. For best results, use a water temperature of approximately 80°C. The low-foaming, surface-active powder is ideal for use in washing machines equipped with a power dispenser.

- **RBS 35 Detergent Concentrate** – alternative to PCC-54 Detergent (we do not sell in Europe)

The cleaning detergent is mixture of anionic and nonionic surfactants. RBS™ 35 Detergent is strong enough to remove biological residues from plastic and glass, yet it is fully biodegradable and rinses away thoroughly to leave no residue. Use a 2% (v/v) solution for routine washing applications or soaking in a warm 20% solution to free particularly stubborn dry residues. Mix two parts 2% RBS Detergent solution with one part ethyl alcohol to remove greases and oils.

- **RBS 50 Detergent Concentrate** – and RBS A375 Acid Neutralizer



RBS 50 Detergent is a low-foaming, liquid detergent formulated for use in automatic washers and ultrasonic baths to clean laboratory glassware, stainless steel equipment and hard surfaces such as plastic and porcelain. For additional cleaning power, RBS™ 50 Detergent can be combined RBS A375 Acid Neutralizer.

The RBS A375 Acid Neutralizer is a non-foaming, phosphorus-free acid neutralizer that neutralizes and removes carbonates, hydroxides and calcareous elements during the pre-wash and rinse steps of automatic laboratory dishwashers to maximize the effectiveness of the RBS 50 Detergent

- **RBS pF Detergent Concentrate** – phosphate-free formulation alternative to PCC-Pfree Detergent (do not sell in Europe)

Related products lines

Interbiotec - BioSciences innovation – proposes a complete range of products for protein biochemistry.

- [General use Biochemicals](#) (buffers, salts, detergents, antibiotics, protease inhibitors,...) ^(PH)
- [Desalting tools](#) – CelluSep tubings, SpectraPor tubings, GebaFlex, FloatALyser, SlideALyser,...

[Products HighLights Overview](#)

Information inquire

Reply by Fax : +33 (0) 4 70 03 82 60 or email at interbiotech@interchim.com

I wish to receive the complete documentation about: _____

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