

# Laboratory

### **Application Cleaning Solution**



# **Labrie Series**

**Labrie Series** are carefully formulated for critical laboratory cleaning applications. It is effective to remove a wide range of contaminants on a variety of surfaces.



### Lab apparatus are free of contamination

Work spaces are cleaned and wellmaintained



Good hand hygiene





Proper handling of chemicals



Appropriate cleaning solution for lab application





#### Liveco<sup>™</sup> Professional

#### **Labrie Series**

Laboratory Application Solution

PRODUCT	NAME	DESCRIPTION		E DESCRIPTION		ACK SIZE	PRODUCT CODE
Antimicrobial Hand Soap	Labrie S72	High-quality antibacterial hand soap known for its antimicrobial efficacy and yet gentle on hand	500mL 5L	24 pcs / ctn 4 psc / ctn	LVCLS72-0.5P LVCLS72-5P		
Antimicrobial Glassware Detergent	Labrie G15	Antibacterial glassware cleanser that used for manual or hand washing laboratory glassware and equipment	5L	4 psc / ctn	LVCLG15-5P		
Alkaline Glass Cleaner	Labrie A40	Alkaline glass cleaner solution designed for automated washer which remove soils, dirt, and residues from the glass surfaces effectively	10L	4 psc / ctn	LVCLA40-10P		
Active Surface Decontaminant	Labrie D90	Highly effective surface decontaminant agent for apparatus and equipment used in laboratory	5L	4 psc / ctn	LVCLD90-5P		
Water Repellent Protection	Labrie C60	Silicone based water repellent applied on fabrics such as labcoats	500mL	24 pcs / ctn	LVCLC60-0.5P		

# **Technical Data Sheet**

### Laboratory Application Cleaning Solution







# Labrie S72

Antimicrobial Liquid Hand Soap

### Description

An effective antimicrobial liquid hand soap that is particularly designed for laboratory usage, Labrie S72 is formulated to be mild on skin, keep your hands free from a wide range of microorganisms.

### **Features & Benefits**

- No colourant & fragrance added, avoiding the risk of allergic effect.
- Mild on skin, avoiding excessive cracking, and dryness.
- With anti-bacterial properties, suitable for medical and biological laboratory.

### **Key properties**

Liquid based, pH-neutral, anti-bacterial and fast acting hand wash.

### Application

### Proper hand washing technique

- 1. Wet hands with running water.
- 2. Apply sufficient soap.
- 3. Wash all surfaces of the fingers and hands up to the wrists thoroughly, rubbing hands for at least 20 seconds.
- 4. Rinse hands thoroughly.
- 5. Dry thoroughly with paper towels.







Antimicrobial Liquid Hand Soap

### **Technical Data**

Appearance : Colourless liquid pH value (neat) : 7.0

### Safe handling & storage condition

Keep container tightly closed and properly labelled in a dry and well-ventilated place.

### Shelf Life

3 years from date of manufactured

Product	Pack size	Bottle Type	Product Code	Quantity in Package
Liveco Labrie S72	500 mL	Dispenser bottle	LVCLS72-0.5P	24 pcs / ctn
Liveco Labrie S72	5 L	Plastic pail	LVCLS72-5P	4 pcs / ctn







### Labrie G15

Antimicrobial Glassware Detergent

### Description

Labrie G15 is a concentrated antimicrobial glassware cleanser that can be used for washing of laboratory glassware and equipment. It is a pH-neutral solution with excellent oil removing properties that remove stubborn soil and stain from glass apparatus.

### **Key properties**

Neutral based, readily biodegradable, antibacterial glassware detergent.

### Application

With recommended dosing, the product can be used for cleaning of general glassware, crucible, tubing, sampling tools and etc.

### Method of Use

**For glassware cleaning:** Dilute 1:5 of Labrie G15 solution to water. Actual dosage of solution depends on strength required for application. Soak and squeeze sponge repeatedly in diluted solution until it lathers before washing. Rinse thoroughly with clean water.

For tougher grease:

Apply directly Labrie G15 solution onto wet sponge.

Dosage	Solution per dosage	
Labrie G15	200mL/L w/w	

#### **Technical Data Sheet**

### **Features & Benefits**

- Fast acting cuts through stain, leaving sparkling clean glassware.
- No colourant & fragrance added.
- With anti-bacterial properties, suitable for laboratory usage.





Antimicrobial Glassware Detergent

### **Technical Data**

Appearance : Yellowish liquid pH value : 7.0

### Safe handling & storage condition

Keep container tightly closed and properly labelled in a dry and well-ventilated place.

### **Shelf Life**

3 years from date of manufactured

Product	Pack size	Bottle Type	Product Code	Quantity in Package
Liveco Labrie G15	5 L	Plastic pail	LVCLG15-5P	4 pcs / ctn







# Labrie A40

Alkaline Glass Cleaner

### Description

Labrie A40 is an alkaline based glass cleaner specially designed for laboratory automated washers. It is formulated for non-streaking, fast acting removal of soils, dirt and residues on glass surfaces.

### **Features & Benefits**

- Fast acting removal of dirts.
- Phosphate free, chlorine free and surfactants free.
- Effective to remove chemical, biological and medical residues

For neutralisation of carried over alkaline

residues, an acidic rinse should always

follow after the cleaning steps according

Suitable to use for a wide range of automated cleaning machine.

Neutralisation

to environmental guidelines.

### **Key properties**

Alkaline based glass cleaner for automated washer. Free of phosphate, chlorine, and surfactants.

### Application

For machine cleaning of glassware, ceramics and stainless steel. Not suitable for use on materials incompatible to strong alkaline.

### Method of Use

Follow the instructions by the machine manufacturers. The optimum dosage of solution is determined by the water hardness and the tenacity of soiling.

Dosage	In softened water	In hard water
Labrie A40	3 - 5 mL/L w/w	5 - 10 mL/L

# Labrie A40



#### Labrie A40 dosing table for disinfectants and detergent concentrates

Instructions to prepare a ready-to-use solution of Labrie A40 disinfectant or detergent. The quantity of use solution consists of tap water and the respective disinfectant or detergent concentrate. Follow manufacturer's recommendations and guidelines.

Percentage of ready-to- use solution	0.25 %	0.50 %	0.75 %	1.00 %	1.50 %	2.00 %	3.00 %	4.00 %	5.00 %
Total volume of ready-to- use solution		Required amount of disinfectant or detergent concentrate (mL)							
0.5 litre	1.25	2.5	3.75	5	7.5	10	15	20	25
1 litre	2.5	5	7.5	10	15	20	30	40	50
2 litre	5	10	15	20	30	40	60	80	100
3 litre	7.5	15	22.5	30	45	60	90	120	150
4 litre	10	20	30	40	60	80	120	160	200
5 litre	12.5	25	37.5	50	75	100	150	200	250
6 litre	15	30	45	60	90	120	180	240	300
7 litre	17.5	35	52.5	70	105	140	210	280	350
8 litre	20	40	60	80	120	160	240	320	400
9 litre	22.5	45	67.5	90	135	180	270	360	450
10 litre	25	50	75	100	150	200	300	400	500
20 litre	50	100	150	200	300	400	600	800	1000
25 litre	62.5	125	187.5	250	375	500	750	1000	1250
30 litre	75	150	225	300	450	600	900	1200	1500







Alkaline Glass Cleaner

### **Technical Data**

Appearance : Colourless liquid pH value : 14.0

### Safe handling & storage condition

Keep container tightly closed and properly labelled in a dry and well-ventilated place.

### Shelf Life

3 years from date of manufactured

Product	Pack size	Bottle Type	Product Code	Quantity in Package
Liveco Labrie A40	10 L	Plastic pail	LVCLA40-10P	2 pcs / ctn









## Labrie D90

Active Surface Decontaminant

### Description

Labrie D90 is a highly effective surface cleaning agent for apparatus and equipment in laboratory, medical and industrial application.

### **Features & Benefits**

- Excellent cleaning performance.
- Phosphate free, chlorine free, enzyme free.
- Effective for a wide range of application.

### **Key properties**

Excellent detergency, concentrated solution and fragrance free.

### Neutralisation

For neutralisation of carried over alkaline residues, an acidic rinse should always follow after the cleaning steps according to environmental guidelines.

### Application

Used for cleaning of glassware, ceramics and stainless steel. Not suitable for use on material incompatible to strong alkaline.

### **Method of Use**

The duration of cleaning is determined by dosage of solution and the tenacity of soiling. Heating the mixture (40 °C to 50 °C) or using an ultrasonic cleaning bath can reduce cleaning time. The cleaned items after soaking in solution must be rinsed thoroughly and dried.

Dosage	Solution per dosage	Duration of cleaning
Labrie D90	20 - 50mL/L w/w	2 to 24 hours
		Technical Data She

# Labrie D90



Active Surface Decontaminant

### **Technical Data**

Appearance : Colourless liquid pH value : 14.0

### Safe handling & storage condition

Keep container tightly closed and properly labelled in a dry and well-ventilated place.

### Shelf Life

3 years from date of manufactured

Product	Pack size	Bottle Type	Product Code	Quantity in Package
Liveco Labrie D90	5 L	Plastic pail	LVCLD90-5P	4 pcs / ctn







## Labrie C60

Water Repellent Coating Solution

### Description

Labrie C60 is a silicone-based water repellent coating on fabrics to prevent stains and wetting of laboratory coats. It can be applied on lab coats to have an excellent waterproofing coating to prevent stains from setting.

#### **Key properties**

Excellent waterproofing, stain proofing and oil proofing effect.

### **Features & Benefits**

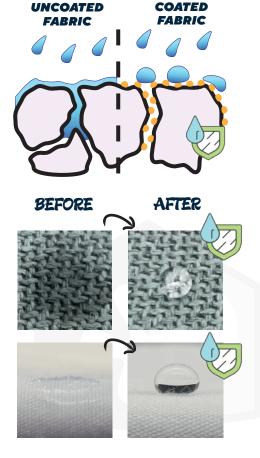
- Excellent water and stain proofing, give extra dirt protection for surfaces.
- Maintain fabric breathability, provide outstanding water repellency while retaining the breathability of the material.
- Preserve surface appearance, invisible protection has no effect on the textiles texture and appearance.

### **Application**

For used in lab coat to enhance the sustainability of waterproofing, stain proofing and oil proofing.

### **Spray Coating**

- 1. Use in a well-ventilated area.
- 2. Spray object at 50cm away from face and avoid headwind.
- 3. Press trigger slowly to reduce back splash.







Water Repellent Coating Solution

### **Technical Data**

Appearance : Colourless pH value (neat) : 4.5

### Safe handling & storage condition

Keep away from fire, heat or flammable sources, may cause explosion or burning.

### **Shelf Life**

3 years from date of manufactured

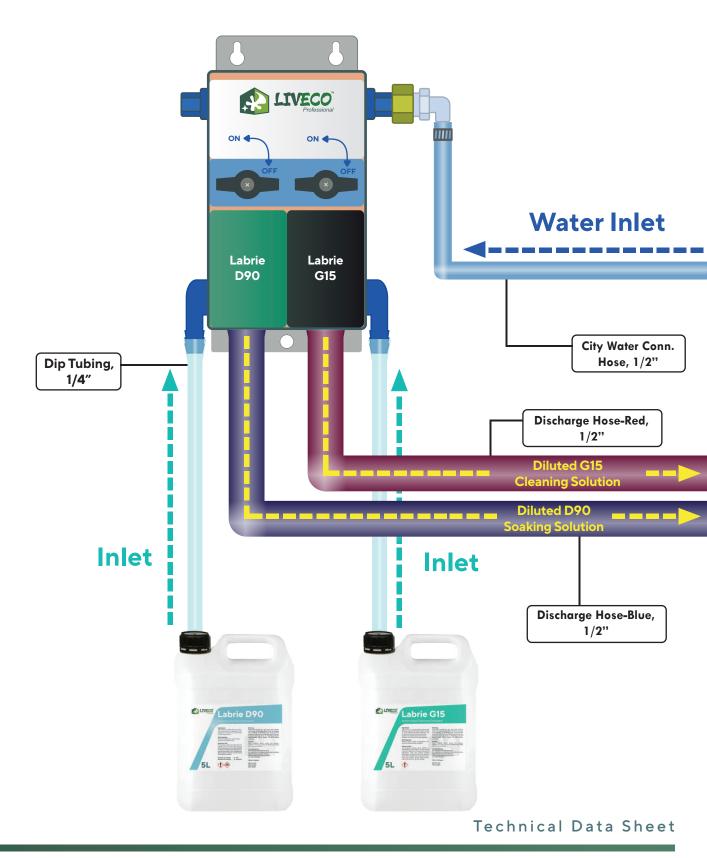
Product	Pack size	Bottle Type	Product Code	Quantity in Package
Liveco Labrie C60	500 mL	Spray bottle	LVCLC60-0.5P	24 pcs / ctn



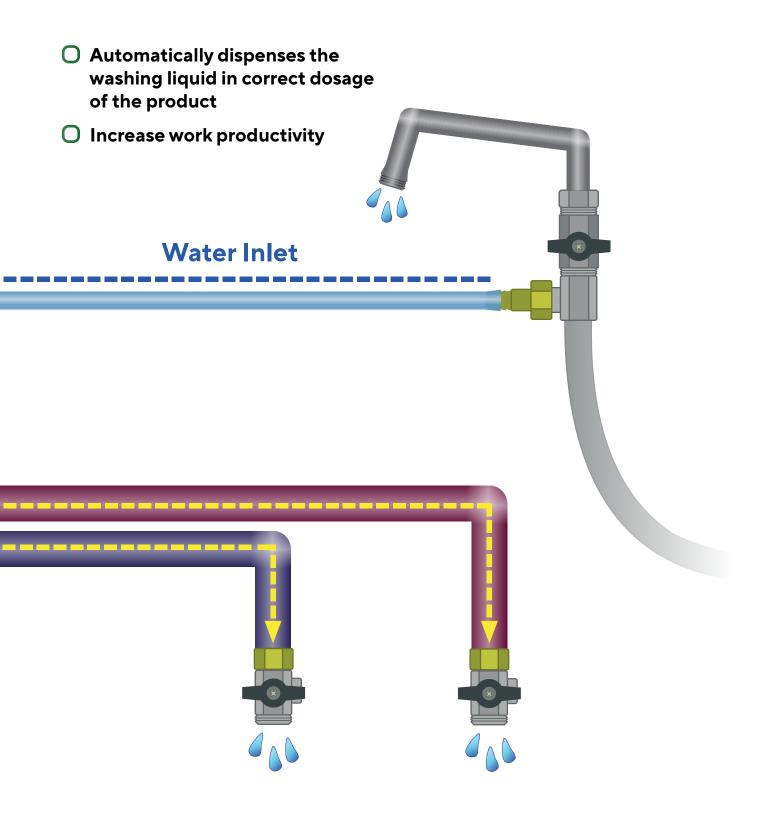




# Dispensing System









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