

## TECHNICAL DATA SHEET

# UNBLOCK LSR

Product Code 5124

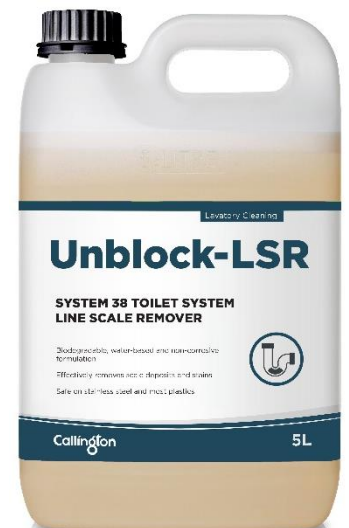
## System 38 Toilet System Line Scale Remover

### DESCRIPTION

Callington Unblock LSR prevents limescale and calcium buildup in aircraft toilets, ensuring optimal functionality. Its proprietary formula includes surfactants, mild organic acids, and foaming agents for a safe yet powerful cleaning action. With its unique clinging action technology, Unblock LSR coats waste tube walls, softening existing scale for easy removal without the need for ice. This preventive solution minimizes urine scale formation, reducing maintenance costs and downtime for airline operators when used regularly.

### FEATURES & BENEFITS

- Water-based and biodegradable.
- Effectively removes scale deposits and stains
- Cost effective, no need for crushed ice.
- Non-corrosive formulation, safe and user friendly.
- Easy to use and fast acting.
- Safe on stainless steel and most plastics.
- Viscous liquid with cling action technology
- No flash point and low volatile organic compounds (VOC)



Callington Unblock LSR is suitable for both vacuum and re-circulating toilets. It is powerful enough after dilution for its usage in a regular maintenance cycle.

### CONFORMS TO

- ✓ AIMS 09-00-002 Issue 3
- ✓ BSS7432

### DIRECTIONS FOR USE

**Note: Crushed ice is not required to improve Unblock-LSR.**

**Step 1:** Every 1-3 days dose each lavatory with Unblock LSR. Suitable dosing is 235 ml of Unblock LSR per toilet per day, or 1.5 Litres of Unblock LSR if the dosing is done once a week.

**Step 2:** Use a brush to remove any stains or scale in the toilet bowl. If the bowl is heavily soiled use slightly more than recommended.

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**Step 3:** Flush once and leave the product to sit overnight or as long as possible. As the product sits overnight, it will cling and coat the tube wall and the penetrating action of the Unblock LSR will help with softening and effective and efficient removal of the scale.

**Step 4:** Unblock LSR should remain in the line through the first flush until the next passenger uses it.

### PHYSICAL PROPERTIES

Appearance: Amber-colour viscous liquid  
Density at 20°C: 1.00 ±0.03g/mL  
pH: 2.5 ± 0.5

### ORDERING INFORMATION

Product Code	Packaging
5124/42	5 litres
5124/51	20 litres
5124/64	200 litres

### CONTAINS

Citric Acid <3%, Glycolic Acid <3%

### PRECAUTION

May cause skin irritation. May cause serious eye irritation. Toxic to aquatic life.

### FIRST AID

IF ON SKIN: Wash with plenty of water/soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor/physician.

### STORAGE & DISPOSAL

Keep only in the original container in a cool, well-ventilated place.

Dispose of any leftover product and its packaging in accordance with local waste disposal regulations.

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