



# TECHNICAL DATA SHEET

## A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

Issued: May 2022

## Liquid Chisel LC101 Concrete & Mortar Remover

PART NUMBER	AVAILABLE SIZE
CT-LC101-750ML	750ml Trigger Spray
CT-LC101-5L	5L Bottle
CT-LC101-20L	20L Drum
CT-LC101-200L	200L Drum

### PRODUCT DESCRIPTION

Chemtools® Liquid Chisel LC101 Concrete & Mortar Remover is an odourless and fast-acting\* easy to use formula designed to turn concrete, mortar, lime, and grout into a soft paste for effortless removal. It is non-corrosive and non-flammable, and can be used on most surfaces, including steel, aluminium, fiberglass and glass, plastic, rubber, painted surfaces, wood, and more - including tools and equipment.

LC101 is 100% biodegradable, extremely safe and cost effective, and contains no hydrofluoric, sulfuric, muriatic, or phosphoric acids.

### RECOMMENDED FOR THE GENERAL CLEANING OF:

Trucks	Trailers	Scaffolds	Formwork	Generators	Saws	Drills
Pumps	Screeds	Concrete Mixers	Trowels	Shovels	Mudboards & Tubs	Wheelbarrows

\*The amount of time required to leave the product on is strictly proportional to the thickness of the product being dissolved.

### APPLICATION

- Using a foaming spray gun, or Chemtools® Foaming Pump Sprayer (Part No. CT-FSPR-1.5L), apply an initial coat of LC101 to hardened concrete/mortar/lime/grout, ensuring all exposed surfaces are soaked.

**IMPORTANT:** Do not wet the area with water prior to application as this will reduce the effectiveness of the product.

A note on colour changes: The affected area will change colour as the product soaks in – for example, concrete will turn white upon initial contact but will eventually become grey as the softening/dissolving process occurs.

- Allow LC101 to penetrate the affected area for a minimum of 15 minutes – the longer it is left to soak, the easier the cleaning process will be.

**IMPORTANT:** Do not let the concrete/mortar/lime/grout dry before removal.



# TECHNICAL DATA SHEET

## A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

3. After the minimum soaking time has passed, begin safe removal of the softening sludge by scrubbing the surface using a stiff nylon brush and a bucket of water to loosen and break up dissolved deposits.

Note: During the softening process, the affected area will look rough and spongy and will start to pull away from the underlying surface.

4. Using a trowel, hose, or pressure washer, clean the dissolved residue from the surface.

Note: On areas of thick concrete, a second application may be required.

### DILUTION RATIOS

Note: This is a guide only.

LC101 is a concentrate and can be applied at full strength or diluted up to 1:3 with water. Dilution ratios depend on the age and type of concrete to be removed. The more concentrated the product is, the quicker it will work.

TYPE OF DEPOSIT	FULL STRENGTH	DILUTION RATIO
Old concrete/mortar/lime/grout, including deposits on tools and equipment	YES	Max 1:1 (LC101: Water)
New concrete/mortar/lime/grout	YES	Max 1:3 (LC101: Water)

### FIRST AID AND SAFETY PRECAUTIONS

Please refer to Safety Data Sheet (SDS) before use. Use with adequate ventilation and avoid breathing fumes. Avoid contact with eyes and skin. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet (SDS) for this product have been fully understood by all persons who will work with the material.

### DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.



# TECHNICAL DATA SHEET

## A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

### FURTHER INFORMATION

Please visit Chemtools® online at [www.chemtools.com.au](http://www.chemtools.com.au) for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.