

# LIQCREATE



## User's guide Liqcreate® Resin Cleaner

Liqcreate resin cleaner is an excellent, effective, non-toxic cleaning solution for 3D printing. It is a safe, highly effective and cleans faster than other cleaner liquids based on IPA, bio-ethanol and other chemicals. Liqcreate Resin Cleaner is not a dangerous good, non-flammable and has less odor. The cleaning liquid can clean SLA, DLP and LCD/MSLA 3D-printed objects, platforms, instruments and surfaces. It can be used with ultrasonic cleaners and the resin cleaner can be used several times without refilling or filtering.



This User's Guide provides useful information to get the best experience from our product, Liqcreate Resin Cleaner. This includes a cleaning protocol, handling of the materials, and safety.



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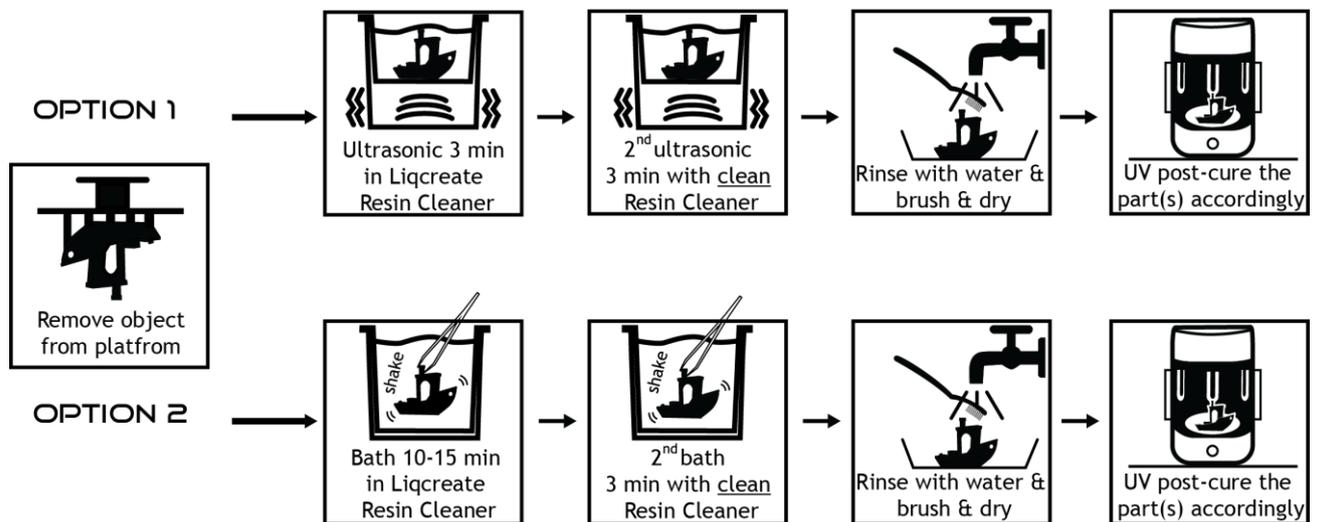
## 1. General information

Liqcreate resin cleaner is an excellent, effective, non-toxic cleaning solution for 3D printing. It is a safe, highly effective and cleans faster than other cleaner liquids based on IPA, bio-ethanol and other chemicals. Liqcreate Resin Cleaner is not a dangerous good, non-flammable and has less odor. The cleaning liquid can clean SLA, DLP and LCD printed objects, platforms, instruments and surfaces. It can be used with ultrasonic cleaners and the liquid can be used several times without refilling or filtering the resin cleaner.

## 2. Cleaning protocol

To get the best cleaning results the following steps are advised:

### STEPS:



### 2.1. When using an ultrasonic cleaner:

- 1) Remove the object from the platform.
- 2) Place the object in an ultrasonic cleaner with used Resin Cleaner.
- 3) Place the object in an second ultrasonic cleaner, with fresh Resin Cleaner. By using two separate containers the resin cleaner lasts longer.
- 4) Rinse and brush the parts with water.
- 5) Dry the parts.
- 6) UV post-cure the parts with the recommended post-curing settings.



## 2.2. When using a non-agitating container:

- 1) Remove the object from the platform.
- 2) Place the object in a container with used Resin Cleaner and agitate manual for 10 minutes.
- 3) Place the object in an second container with fresh Resin Cleaner and manually agitate for 3 minutes. By using two separate containers the resin cleaner lasts longer.
- 4) Rinse and brush the parts with water.
- 5) Dry the parts.
- 6) UV post-cure the parts with the recommended post-curing settings.\

## 2.3. When using a agitating container like the Form Wash or Anycubic Wash:

- 1) Remove the object from the platform.
- 2) Place the object in the container with used Resin Cleaner for 3 minutes under agitation.
- 3) Place the object in an second container with fresh Resin for 3 minutes under agitation By using two separate containers the resin cleaner lasts longer.
- 4) Rinse and brush the parts with water.
- 5) Dry the parts.
- 6) UV post-cure the parts with the recommended post-curing settings.

## Tips when working with Liqcreate Resin Cleaner

Do not dilute Liqcreate Resin Cleaner with water. For best results, pre-wash in a separate container to remove excess resin. In case of skin contact: wash off with soap and water. Do not let (resin contaminated) product enter drains. Store below 30°C in closed container.

When using two different ultrasonic cleaners, one for the first wash (with used resin cleaner) and the second for the final wash (with fresh resin cleaner) better results will be achieved, and less Resin Cleaner will be needed.

Although Liqcreate Resin Cleaner is not classified as toxic and harmful for the environment, most resins are, therefore used resin cleaner residue (washing solvent and contaminated papers included) should be treated as chemical waste and disposed as such.

Due to the high boiling point of Liqcreate Resin Cleaner, the cleaner won't evaporate from surfaces like ethanol or IPA.



### 3. Safety

Liqcreate Resin Cleaner and 3D-printed green parts should always be handled with care using the advised precautions such as gloves, glasses and protective clothing. Dispose all items that have been in contact with liquid resin as chemical waste. Inform the Safety Data Sheet for more information.

### 4. Storage and transport

Liqcreate Resin Cleaner should be stored in the original package in a dark and dry area between 5 and 30 degrees Celsius. Close the packaging after every use. For transport the liquids should not be exposed to temperatures above 60 degrees Celsius to ensure the expiry date.

### 5. Plastic and Packaging Waste

Although Liqcreate Resin Cleaner is not classified as toxic and harmful for the environment, most resins are, therefore used resin cleaner residue (washing solvent and contaminated papers included) should be treated as chemical waste and disposed as such.

The empty HDPE bottle can be disposed for plastic recycling. Cardboard packaging should be disposed at a recycling point.