

RE-IPA

ALCOHOL RECYCLING SOLUTION

User Manual

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PRODUCT DESCRIPTION

RE-IPA is a user-friendly and environmentally safe solution designed to clean and restore the properties of alcohols used for washing 3D printed resin models.

BEFORE USE

- This manual contains information for safe and effective use of this product.
- When working with alcohol left after cleaning 3D prints, use personal protective equipment. Nitrile gloves and protective glasses are recommended.
- A key element of the alcohol recovery process is vigorous mixing for a specified time. Without cleaning devices, the process may take longer.

SOLUTION PREPARATION

- Dissolve the powder in water before starting. The recommended ratio is **5g** of product per **135ml of water** at room temperature.
- This solution is sufficient for **1 liter (about 850g)** of 3D printing resin-saturated alcohol left after cleaning models.

CLEANING

- Pour the prepared solution (in an amount matching the alcohol to be cleaned) into the used alcohol.
- For best and fastest results, mix for about 20 minutes in a 3D print cleaning device or ultrasonic cleaner. Otherwise, stir vigorously for several minutes.
- After this time, depending on the saturation of the solution, some of the dissolved resin and pigment may begin to settle at the bottom.
- Leave it in a dark place (UV exposure reduces the process's effectiveness) for about 24 hours or until complete sedimentation, depending on the mixing method.
- Decant the purified alcohol, leaving the sediment behind. You can further filter it through filter paper or a coffee filter.
- Pour the sediment and any remaining alcohol into a waste container. After a few days, more alcohol may be recovered.

REUSE

- The purified alcohol can be reused in the cleaning process.
- Keep in mind that the alcohol will have a reduced concentration. It can be used for preliminary cleaning of prints or for cleaning surfaces, tools, or printer components. Test it on a small area before use.

DISPOSAL OF CLEANING ALCOHOLS

- Remember that alcohols and other cleaning agents for 3D prints must be disposed of according to applicable regulations in your region.
- The sediment from the alcohol recovery process contains hazardous substances from 3D printing resins and should be disposed of accordingly.

LOT NUMBER / EXPIRY DATE

- The product's expiration date is visible on the packaging of each product.
- When contacting technical support, always provide the product's batch number.
- Do not use the product after its expiration date.

CONTACT INFORMATION

For product support, refer to the information available to you on the website: www.syntegre.com or write to us at: support@syntegre.com



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