



Rust Remover Gel Q&A v2.1

Q:	Rust Remover Soak vs. Rust Converter	Q:	How does the Gel compare with sand blasting?
A:	Rust Converters are purely a cosmetic covering where the rust is glued to the surface of the item before being painted over. Rust Converters are designed for quick jobs where the end finish is not important. We give you clean metal to allow for proper surface preparation therefore a better end result as nothing is trapped between the paint and the metal. Our Rust Remover Gel removes rust completely.	A:	Sand blasting as with Rust Converters are great for some applications. Some sandblasters use our products to access the areas that they can not get their guns into. Sandblasting can in some cases dent, warp or blow holes through the item. Rust Remover Gel can clean the most delicate items without causing damage.
Q:	What preparation is required before using the Gel?	Q:	What is the best way to apply the Gel?
A:	De-grease the item if grease and oil are present, then remove any loose rust, dirt and other contaminants before using the Gel. Make sure the surface is dry before application.	A:	Depends on the item being cleaned, we generally use a spatula or paint brush. Spread the product over the surface around 4mm thick then cover with plastic wrap. Once the Gel/item is covered it is easier to achieve a uniform coating under the plastic wrap.
Q:	Do I need to dismantle items using the Gel?	Q:	Will the Gel Remove Heavy Rust?
A:	The Gel is a rust remover for the surface of the object and does not penetrate. If you are wanting to clean inside the item it will need to be dismantled or try our Rust Remover Soak.	A:	Any level of rust can be removed although we suggest mechanically removing as much as possible before applying the Gel. This will speed up the process and give you a longer run out of the product.
Q:	Can items be submerged into the Gel?	Q:	Will it affect timber, rubber or plastic?
A:	Technically yes but it is not recommended as the Gel does not penetrate like the Soak. This would also mix new and used product into the same container.	A:	No, It has no effect on these materials.
Q:	Does the Gel work on items other than metal?	Q:	Will the Gel Clean remove rust stains from Tiles, paving or concrete?
A:	Yes, it has been used to remove old rust stains from the Gel Coat on Boats and rust stains from epoxy style floors such as the ones mainly seen in hospitals. It also has been used to remove blood stains from non-porous surfaces.	A:	In most cases no. We have had some good results with porcelain tiles and ceramics but the balance have had 50/50 results.
Q:	Will the Gel with metals other than iron?	Q:	What is the coverage for the Gel?
A:	Yes, it will loosen tarnish from brass and copper making polishing a very easy job.	A:	500g will do around 1/2a square meter.

Q:	Does the Gel work on Stainless steel?	Q:	Will it clean Chrome such as mag wheels etc?
A:	Yes, it works brilliantly to remove rust/tea staining from Stainless Steel. For light Rust and Tea Staining we recommend our Easy Clean Product.	A:	Yes brilliantly. Compared to the cost of re-chroming this is a great way to renew old mags. Once the rust is gone, wash with water and dry the item. Then use a high quality car polish to keep them looking good. As with paint if there is heavy rust some chrome may be removed in the process. We have done a lot of these and the end result has always been a dramatic improvement.
Q:	Will the Gel affect good metal?	Q:	Will the Gel remove paint?
A:	No, it simply removes rust.	A:	Only if the rust is under the paint.
Q:	Are there any metals that I should not try to clean with the Gel?	Q:	Will the Gel remove oxidation off aluminium?
A:	Yes, some alloys will react and will be etched by the product. If alloys are present remove them or cover them with before use.	A:	No it is not designed for use with Aluminium.
Q:	Will the Gel un-seize items?	Q:	Is it Organic or Chemical based?
A:	No, it is for removal of rust from the surface. For seized items please see our Rust Remover Soak.	A:	It is Organic.
Q:	How long does the Gel take to do the job?	Q:	How can I make the Gel last longer?
A:	Very light rust may be as quick as half an hour to an hour and heavy rust up to 12 hours. The Gel should start changing colour within an hour which means the rust is being removed.	A:	Less rust in the Gel the longer it lasts. Remove as much rust as possible via mechanical means before starting the process.
Q:	How long is the shelf life?	Q:	How many times can I use the Gel before it stops working?
A:	We have product in the warehouse that has been sitting for 18 months and it is still working. Over time some white spotting may occur but that does not affect the operation of the product.	A:	It depends on the amount of rust absorbed into the Gel. It will for from Blue to Green then Black when exhausted. If the Gel is not black it can be used again, the second use is slower than the first but it will still work.
Q:	What Safety Gear is Required?	Q:	Is Rust Remover Gel Dangerous to use?
A:	We recommend gloves and safety glasses as a precaution.	A:	Rust Remover Gel is not a harsh acid but we recommend wearing gloves and goggles as the Gel contains a blue dye that will stain skin.
Q:	What do I do when the rust is gone?	Q:	Does the Gel create a protective coating?
A:	Wash the item with water and dry it. The end protective coating depends on the type of item being cleaned. For all tools without sharp edges we like clear coat paint, tools with sharp edges like saws and files etc we use machine oil and if painting etch primer or cold galv. For a short term solution WD40 etc can be used.	A:	No, the Gel leaves you with clean bare metal which will rust again quickly. As per the instructions the item is to be dried and coated with a protective coating of your choice straight after being cleaned.

Q:	What is the ph of the product?	Q:	What happens if I leave the Gel on too long?
A:	Around 3.5 which is 10 times less acidic than most soft drinks.	A:	It will have removed as much rust as can be absorbed into the Gel and then dried out and set hard. Place a wet rag or sponge over the Gel and let it sit for 5 minutes to reabsorb the moisture then wash off.
Q:	What should I do with the Gel when I have finished using it?	Q:	How do I dispose of the spent Gel?
A:	Don't mix old and new gel. If the Gel has not turned black place it into another container or zip lock bag for a second application.	A:	Whilst the product is environmentally friendly please consider any containments that may have been dissolved into the product and dispose of accordingly.
Q:	Do you have Material Data Safety Sheets?	Q:	What sizes are available?
A:	Yes. They are all available on our website. Technically we	A:	500g, 1kg, 5kg and 20kg.
Q:	Where is the product made?	Q:	Will the Gel remove Blueing from Guns?
A:	We are located in Brendale in Brisbane and the products are manufactured and bottled here.	A:	Yes it will as blueing is actually a form of rust.

Troubleshooting

The Rust was not removed.	My item turned black
This only happens when there is a barrier between the Gel and the rust; for example grease, oil or the surface has been previously treated with another product. Remove the barrier and the Gel will work every time.	This often happens when cleaning high carbon steel like drill bits and saws. Simply clean the item with water and a light rub with steel wool.
White Spots have appeared in the Gel.	The Gel dried out and went hard.
Over time white spots can appear in the Gel. This is not mould, it is the organic binding agent. This does not effect the performance of the Gel.	The only happens when the instructions have not been followed correctly. If this problem as occurred simply keep the surface wet with a saturated sponge or towel etc for around 5 minutes to allow the gel to reabsorb the moisture.
Should you get a question that is not covered in this document please call us on (07) 3889 9987 as we are more than happy to assist. We will also add your question and answer to the new Q&A Sheet for future reference.	