

Turtle's Journal on Lube Alchemy

"Potion seller, I tell you am going into battle, and I want only your strongest potions."

- The Knight

Preamble

I am by no means a professional, nor a chemist. I am simply aiming to share some of my lube making experience in hopes to help others. Please listen to your body, and if anything feels off, consult a doctor or medical professional and stop using your lube mixture until you can find out what caused the issue.

Hopefully people find this useful, either way, I'll try to be concise to not take up too much of your time. Once you finish this recipe, you'll have 1 litre of cum lube or clear lube depending on the recipe steps you follow in instructions section.

From start to finish, this recipe takes approximately **40 seconds of shaking** to mix things together, **10 minutes** of letting it sit for everything to react and dissolve, and **a few hours** until it's ready for use. Minus the initial cost of getting the ingredients, this lube recipe will cost you about \$3CAD per litre of lube.

Cost

**NOTE: All prices mentioned in this post should be assumed to be in Canadian dollars. Some numbers may vary slightly due to currency conversion rates changing over time.*

I started mixing my own lube in late 2023, and the startup cost of ingredients was ~\$91CAD, give or take. Since then, I've mixed several gallons of lube, and have only needed to spend an additional \$42CAD on more powdered lube.

Cost wise, mixing yourself is significantly cheaper compared to store-bought lubes. I'll be comparing pricing to Bad Dragon's cum lube, as it was my personal choice before mixing my own:

	Turtle's Goop	Bad Dragon Cum Lube
Startup Cost	~\$91.12	\$0.00
Material cost per litre	~\$3.13	\$30.92
First Litre Cost	\$94.25	\$30.92
Second Litre Cost	\$97.38	\$61.84
Third Litre Cost	\$100.51	\$92.76
Fourth Litre Cost	\$103.64	\$123.68

As you see, mixing Goop has a higher upfront cost, **but saves you ~89.89% of the cost** per litre compared to Bad Dragon's 9x 250mL bottle value pack. By the time you're on your fourth litre, you've already saved nearly the full cost of a litre of Bad Dragon's Cum Lube with every litre beyond that increasing your total savings.

Required Things

All but one ingredient/tool was ordered off Amazon, with the Titanium Dioxide being purchased from the Canadian soap making store 'Soap & More'.

Ingredients

Ingredient wise, you'll need a few things:

Ingredient	Usage
Distilled Water (1L)	This forms the base of the lube, as the lube itself is water-based. Tap water also works fine, but you may need to include additional ingredients to pH balance it. Tap water-based recipe also seem to break down and lose its lube-ness faster. I would recommend using distilled over tap water, and would not recommend well water.
X-Lube Powder (~1.75 caps levelled or ~4.4g)	This powder reacts with the water to turn it into lube. Minus the branding, this is pure polyethylene oxide, which is the exact same stuff used in Bad Dragon's lubes.
Potassium Sorbate ~0.24g or 1/8tsp (levelled)	Just a preservative, helps make the lube last longer without going bad. This is also in Bad Dragon's recipe.
Citric Acid (optional) Distilled water: ~0.015g Tap water: ~0.5g or 1/8tsp (levelled)	Balances out tap water pH to match the body's internal acidity. How much you need, if at all, depends on your tap waters pH. Distilled water shouldn't really need any, or only a very small amount.
Water-Soluble Titanium Dioxide (optional) ~0.184g or 3/32tsp (levelled)	MUST BE WATER SOLUBLE, or it'll settle out after a day or so. This dyes the lube a bright white to make it look cum-like instead of clear.

	Less is more here. Too much, and it'll settle out, so add small amounts, fully mix it with water, see how white it is by shining a light into the water, and add a bit more if you wish. I would recommend against going above the recommend amount on the left. If you're struggling to find water-soluble Titanium Dioxide, check stores that sell soap making supplies, as Titanium Dioxide is used in food coloring, soap dyes, and other products. Just make sure it's purely Titanium Dioxide, and it's water-soluble.
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Tools

Tool wise, you'll need:

Tool	Usage
Water bottle (1L)	Used to shake and mix everything together. Should be at least 1L or a bit larger to make sure everything fits. Other containers <i>may</i> work, but mixing and portioning may prove very difficult.
Smaller bottles for lube portioning (4x 250mL squeeze bottles or similar)	Recommended for portioning out your lube into more manageable bottle sizes.
Measuring Spoons - 1/32 tsp - 1/8 tsp	Measuring spoons for making sure you're using the right amount of ingredients. Additional spoons may prove useful, but are not needed.
Small funnel	Needed to add all the X-Lube in one go, and for portioning out your lube into smaller bottles once done.
50g Measuring Scale (optional)	This helps with making sure you're using the exact same amounts of ingredients to make lube mixtures a bit more consistent. Any scale sensitive enough to detect a fraction of a gram should work, but a smaller one would work better and be more practical.
Hand-held Electric Milk Frother (optional)	Used for mixing all the ingredients together BEFORE adding X-Lube.

	Not required, but can help with mixture consistency by making sure everything is fully mixed before adding X-Lube.
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Instructions

1. Preparing the Water

1.1) Pour 1L of distilled water into your water bottle.

1.2) Add in 0.24g (1/8tsp levelled) of potassium sorbate to the water and mix thoroughly.

1.2.1) If using tap water, add in your 0.5g (1/8tsp levelled) of citric acid as well, and thoroughly mix.

1.3) Optionally, add in ~0.184g (3/32tsp levelled) of water-soluble titanium dioxide if you want your lube to appear white/cum-like. If you choose to not add titanium dioxide, your lube will simply be transparent and clear. **I recommend adding this 1/32 tsp at a time to make sure it mixes fully.**

2. Making the Lube

2.1) Grab your small funnel, this will hold all of your X-Lube before you add it into your water bottle.

2.2) Measure out ~4.4g (1.75 levelled capfuls) and pour it into your funnel making sure to cover the bottom of the funnel with a finger to keep the X-Lube powder inside the funnel.

** Note: The thickness of your lube is directly proportional to how much powder you add. For thicker lubes, add more powder, for thinner lubes, add less powder. Try my given recipe first, then make any adjustments based on preference.*

2.3) **IMPORTANT:** Be ready to quickly screw on the lid to your water bottle immediately. Your lube powder may not fully mix properly if you're slow with the next step.

2.4) Pour your X-Lube powder into your water bottle **and immediately screw the cap on or close it and begin shaking the water bottle**. Shake vigorously with your hands for **20 seconds**, then leave your water bottle rest on its side for **10 minutes**, then shake again for **20 more seconds**.

2.5) Leave your water bottle sitting on its side for a couple hours, or overnight. This will allow any chunks of X-Lube powder to dissolve better than if you portion out the lube immediately.

3. Portioning your Lube

3.1) After leaving your lube to sit for a few hours, grab your lube-filled water bottle, small funnel, and small lube bottles.

3.2) Unscrew/open all of your lube bottles and water bottle. Hold your funnel, and slowly pour your lube out of your water bottle, into the funnel, and into the smaller bottles.

** Note: Some titanium dioxide residue may be left behind in your lube and/or water bottles once emptied and rinsed. To clean off, simply add a few squares of toilet paper into the bottle(s), pour in enough water to make it wet/ lightly soggy, then shake around, and all the residue should be cleaned out. Rise bottle(s) out then pour into the toilet to empty.*

La Fin

And that's about it. By the end of those steps, you should be left with some very slippery and decently long-lasting water-based lube.

If you have any questions, please let me know, and I will try my best to answer them, though I'm not very good with questions that require more personal or intimate details. Apologies in advance if I'm unable to answer your question.