



Fusion Etch Liquid Edition (ETCH/STRIP) 55 Gallon Batch Mixing Instructions

Items needed:

- 1 - 55 gallon HDPE Barrel/Drum (Supplied with assembly kit)
- 1 - 120/240v Drum Mixer (Supplied with assembly kit)
- 1 - Chemical Resistant Drum Pump (Supplied with assembly kit)
- 1 - Chemical Resistant Drum Funnel (Supplied with assembly kit)
- 1 - Face Shield (Supplied with PPE kit)
- 1 - Safety Goggles (Supplied with PPE kit)
- 1 - Disposable N95 or P95 Respirator (Supplied with PPE kit)
- 1 - PAIR Elbow Length Gloves (Supplied with PPE kit)
- 1 - Optional Chemical Safety Coveralls (Supplied with PPE kit)
- 1 - Pre-measured Fusion Etch (ETCH or STRIP) Part "A"
- 1 - Pre-measured Fusion Etch (ETCH or STRIP) Part "B"
- 1 - 50 gallons High Quality Deionized Water (Customer supplied)

Steps:

1. Fill barrel/drum with 45 gallons of high quality Deionized Water
2. Insert drum mixer, and verify that it is working and not hitting the sides, or bottom of the barrel/drum.
3. Insert chemical resistant drum funnel, and verify that it is secured to the barrel/drum.
4. Put on supplied PPE per your organizations safety requirements (gloves, goggles, face shield, respirator at a minimum)
5. Start drum mixer.
6. Slowly pour Pre-measured Fusion Etch Fusion Etch Liquid Edition (ETCH or STRIP) Part "A" into the attached funnel. The water in the barrel/drum will become warm. Allow the mixer to run for at least 2 minutes.
7. Stop the drum mixer.
8. Confirm that all of the material from Pre-measured Fusion Etch (ETCH or STRIP) Part "A" has dissolved. If not yet dissolved, run drum mixer for an additional 2 minutes, stop the drum mixer and check again. Proceed to step 9 when Part "A" has completely dissolved.
9. Verify drum mixer is stopped.
10. Pour Pre-measured Fusion Etch Liquid Edition (ETCH or STRIP) Part "B" into barrel/drum.
11. Add additional deionized water to barrel/drum to bring liquid level to 55 gallon mark.
12. Start drum mixer and run for 20-30 seconds. DO NOT run mixer for longer then 30 seconds. Product may over-foam if mixed for too long.
13. Verify drum mixer is stopped.
14. Remove funnel, clean and rinse funnel in sink, placed in storage to dry.
15. The product is now Ready-To-Use (RTU), **NO further dilution is required or allowed.**
16. Insert Chemical Resistant Drum Pump into the barrel/drum, and dispense product as needed.

Contact Quantum Innovations with any questions, comments, or concerns.

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