

## How to Clean a Mirror

### Supplies:

- 5 gallons distilled water
- Small bottle of plain old blue Dawn dish liquid
- Roll cotton
  - Cotton balls will work but roll cotton gives you bigger chunks
- 5 or 6 cans of dust-off air and/or roll of paper towels.

### Procedure:

1. Take 1 gallon of H<sub>2</sub>O, add 5 drops Dawn, mix.
2. Mirror horizontal, sluice off with regular water.
3. Tilt to drain.
4. Mirror horizontal, add some soapy water in center.
5. Take swath of cotton, lay on center of mirror in water.
6. Make circular motions in spiral out to edge - let moistened weight of cotton be only vertical force.
7. Tilt to drain, discard cotton.
8. Repeat until you've used half the jug of soapy water.
9. Inspect where your smudges were, if gone, see below for rinse.
10. If not gone, mirror horizontal, add some soapy water.
11. Take clean swath of cotton, GENTLY scrub smudges with small circular motions. GENTLY. The SiO<sub>2</sub> overcoat is quite durable and if you're careful, the smudges will slowly scrub off.
12. Tilt to drain, discard cotton.
13. Rinse mirror tilted at 45 degrees, rinse thoroughly!
14. Use remainder of distilled water to rinse. Make sure you get the entire surface sluiced off.
15. Mirror vertical: if using canned air, have many cans and do NOT start spraying with nozzle pointed at mirror. Can always vertical or it'll spray propellant. One can at a time until it gets cold and airflow slows down; grab a new can and repeat.
16. To get a cold can flowing again, you can dunk it in a sink full of hot water for 20 seconds or so.
17. You can also CAREFULLY use paper towels to grab tiny droplets stuck to mirror: touch corner of towel to droplet to soak it up. Do not rub paper towel on mirror, it WILL make tiny scratches!!
18. Admire your clean mirror.