

ThunderWipes! Tech Notes

DRY SIDE.....	3
WET SIDE.....	6
EDGING.....	7
WET SOLUTION	8
BYSON SCREEN CLEANER.....	8
THE EXPERIENCE.....	9
RELATED CONTENT/INFO/SITES.....	10
IT'S AN ABSOLUTELY UNIQUE INVENTION	14
<i>Vinegar</i>	20
<i>Rubbing alcohol</i>	20
<i>Dish soap and hand soap</i>	20
<i>Window cleaner</i>	20
DISINFECT YOUR PHONE: WIPES, NOT PURE ALCOHOL	21
THE LATEST FROM APPLE.....	28
PATENT DRAWINGS.....	32

Draft Technical Notes



Let's go for a 7cm x7cm exterior size
Depicted is a 5cm x 5cm, which I think is a bit small for a phone wipe

PS: The 1st run ElectronixWipes are not single-sided VarioWipes.



Let's go for 7cm x 7cm

Edging on wet side: can be used to scrub oil deposits off of phones.

Edging on dry side: assists with polishing
(Most likely the same edging).

Product research

Dry side

Dry side paper-towel/cloth-like padding is treated to make the surface like a microfiber cloth. It may even “almost” be a microfiber cloth, but should not give a re-usable impression. It is a “microfiber paper towel.”

1. Place the microfiber cloth on the phone screen and gently move it in a horizontal or vertical direction repeatedly.
2. For tough dirt or sticky spots, dampen a corner of the microfiber cloth with a bit of water (nothing else, only water) and gently move it in a horizontal or vertical direction on the phone screen repeatedly until the dirt is gone.
3. Use a clean, dry corner of the cloth (or another microfiber cloth) to remove any excess moisture from the screen.



Tip: If you don't have a microfiber cloth, use a strip of adhesive tape (or a sticky note). Stick the tape to the surface of the screen and peel it off gently to remove dirt and grime. Repeat as necessary, gently, to clean the entire screen.

USE A CLEANING WIPE

Pre-moistened cleaning wipes that are made specifically for phones are a convenient way to clean your screen on the go. There are a variety of brands, including [iCloth](#) and [Well-Kept](#), that are handy to keep in a travel bag, car, or office desk.

Make sure whatever brand you select has a low or zero alcohol percentage to keep the screen safe. Cleaning wipes differ from disinfecting wipes (see below).



Silver Star Glass & Window Cleaning Korean Microfiber Cloth for Car Kitchen, Dish - LINT-Free, Streak-Free, HIGH Absorbent(Light Blue, 16" x 16", 6Pack)

Brand: Silverstar Microfiber

★★★★☆ 4 ratings

Price: **\$21.95** + \$16.39 Shipping & Import Fees Deposit to Austria [Details](#)

Get a **\$100 Amazon.com Gift Card** upon approval for the Amazon Business American Express Card. Terms apply.

- It is safe for cleaning all types of surfaces such as car windows, mirrors, sunglasses, camera lenses, smart phones, computer screens etc
- Cleans without leaving lint, spots, scratches, smudges, or streaks behind
- Lasts through hundreds of washes
- Soft Microfiber won't scratch surface
- Using Korea Fabric so that it performs high quality

Health & Household › Household Supplies › Cleaning Tools › Cleaning Cloths



MR.SIGA Ultra Fine Microfiber Cloths for Glass, Pack of 12, 35 x 40cm 13.7" x 15.7"

Visit the MR.SIGA Store

★★★★☆ 1,890 ratings

| 25 answered questions

Amazon's Choice for "mr siga microfiber cleaning cloth"

Price: **\$18.99** + \$15.50 Shipping & Import Fees Deposit to Austria [Details](#)

Get a **\$100 Amazon.com Gift Card** upon approval for the Amazon Business American Express Card. Terms apply.

Size	Pack of 12 - 13.7" x 15.7"
Color	Green
Material	Microfiber
Fabric Type	Microfiber
Brand	MR.SIGA

About this item

- Microfiber

Roll over image to zoom in



MR.SIGA Ultra Fine Microfiber Cloths for Glass, Pack of 12, 35 x 40cm 13.7" x 15.7"

Visit the MR.SIGA Store

★★★★★ 1,890 ratings

| 25 answered questions

Amazon's Choice for "mr siga microfiber cleaning cloth"

Price: **\$18.99** + \$15.50 Shipping & Import Fees
Deposit to Austria [Details](#)

Get a **\$100 Amazon.com Gift Card** upon approval for the Amazon Business American Express Card. Terms apply.

Size	Pack of 12 - 13.7" x 15.7"
Color	Green
Material	Microfiber
Fabric Type	Microfiber
Brand	MR.SIGA

About this item

- Microfiber
- Imported
- Soft Microfiber won't scratch surface
- Lint free, non-abrasive, easy to wash

DISTILLED WATER AND WHITE VINEGAR OR RUBBING ALCOHOL

To save money and create your own disinfectant, use a diluted solution of water and white vinegar or isopropyl alcohol. This not only gets rid of oily fingerprints and sticky spots but also kills germs on the surface. Make sure to use distilled water since tap water might have impurities and other minerals that scratch the phone screen.



Important: Diluting either the vinegar or rubbing alcohol is critical because stronger concentrations can damage the coating manufacturers put on phone screens. Vinegar and rubbing alcohol can also damage screen protectors.

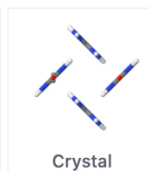
1. Prepare a mix of 50% distilled water and 50% white vinegar in a spray bottle. Alternatively, use a one-to-one ratio of distilled water and 70% isopropyl alcohol.

Urea

PubChem CID

1176

Structure

[Find Similar Structures](#)

Chemical Safety

[Laboratory Chemical Safety Summary \(LCSS\) Datasheet](#)

Molecular Formula

 $\text{CH}_4\text{N}_2\text{O}$ or NH_2CONH_2

Synonyms

urea
carbamide
57-13-6
Carbonyldiamide
Isourea

Edging

The manufacturing process will “pack” or we’ll put an edging of a firm cotton-swab type or plastic/rubber type material that serves as a kind of “fingernail replacement.”



The edging depicted is a very early (and used! LOL) prototype. A part of the edging serves as a window squeegee, like a windshield wiper – just a strip of rubber/plastic that allows you to squeegee your phone clean with a mini wiper – that is a part of the package. A thin strip of rubber/plastic is all it takes.

For “monitor” size (maybe also for phone size) this edging will result in a kind “poking V,” like a guitar pick, with which you can remove contaminants stuck to harder to reach parts of your phone/keyboard.



STAINLESS STEEL WINDOW SQ...
horme.com.sg · In stock



12" Window Squeegee with Wa...
worx.com · In stock



Stainless Steel V...
homedepot.com ·



Window Squeegee Black at...
ndiamart.com



Addis Window Squeegee W...
game.co.za · In stock



Pro Stainless Steel Wi...
officedepot.com · In stock

Wet solution

Possible ingredients

Urea/carbamide: (3 g/dL, maybe a bit more)

Byson screen cleaner

INGREDIENTS:

Distilled Water

Phosphoric Acid Esters, Amine Salts

Polyoxyethylene Decyl Ether Phosphate

Oxy Diethanol

Potassium Hydroxide 45%

Methylchloroisothiazolinone



The Experience

ThunderWipes! ElectronixWipes give users the experience of cleaning their cell-phones, and really getting them clean. The relief of actually getting the dirt and oil deposits off of your screen is palpable. You feel relieved, you feel happy, you feel safer. You feel like you can breathe more easily.

Automotive › Car Care › Glass Care



Griot's Garage 11049 Glass Cleaning Clay 3.5oz

[Visit the Griot's Garage Store](#)

★★★★★ 737 ratings | 31 answered questions

Price: **\$12.99** + No Import Fees Deposit & \$7.18 Shipping to Austria [Details](#)

[Get a \\$100 Amazon.com Gift Card](#) upon approval for the Amazon Business American Express Card. Terms apply.

Brand	Griot's Garage
Item Form	Clay
Item Weight	6.4 Ounces
Surface	Window, Tile, Shower, Stone
Recommendation	

About this item

- More dense than Griot's Garage paint cleaning clay, to prevent sticking on glass
- An essential step to thoroughly clean glass and to prepare for polishing
- Removes mineral deposits dried on glass, as well as oily road residue

Related content/Info/Sites

<https://www.lifewire.com/how-to-clean-phone-screen-4688907>

<https://www.cnet.com/how-to/how-to-clean-your-smartphone-or-tablet/>

[cnet.com/how-to/how-to-clean-your-smartphone-or-tablet/](https://www.cnet.com/how-to/how-to-clean-your-smartphone-or-tablet/)

or tablet?

To clean the screen on your smartphone or tablet, use a soft, lint-free cloth. We suggest you pick up a couple of microfiber cloths. Never use a paper towel or other paper-based towels as they can leave scratches on the screen. For fingerprint smudges, dust, and lint, wipe the screen gently using a dry microfiber cloth.



Samsung

What if I got ink, food, or makeup on the screen?

For more stubborn contaminants or stains, turn your device off and remove the battery if possible. Lightly dampen a section of a microfiber cloth with water and gently wipe the screen, then go over it again with a dry section of the cloth to wipe away any moisture. Avoid getting moisture in any openings like the speaker or mic. If the stain remains, you can also try using a mild soap-and-water solution. When your device is completely dry, put the battery back in and turn it on.

Can I use Windex or other household cleaners to clean my device?

Never use window cleaners, harsh chemicals or cleaning solvents on your smartphone or tablet and never spray anything directly onto the screen. Some screens, like those on the iPad and iPhone, have a special coating that can get wiped away if you use chemicals to clean the screen.

Of course, you'll now find plenty of specialty cleaning sprays available for this very purpose. But they tend to be way overpriced for what they are (alcohol and water).

CNET's Sharon Vaknin shows you how to [make your own screen-cleaning spray in this quick and easy How To post.](#)

Straight up tell them not to DIY w their thousand dollar phones.
We got the ThunderWipes mix right. You don't want to damage the screen.

Make your own screen-cleaning spray on the cheap

Stop overspending on store-bought screen cleaners -- you can make your own in large quantities for just a few bucks.



Sharon Profis Oct. 12, 2012 3:19 p.m. PT



62

Generic or not, some of the biggest rip-offs in the realm of consumer electronics have got to be cleaning solutions. Why? Because whether they're marketed to clean your phone, computer screen, keyboard, or mouse, the solution is nearly always water and alcohol.



Watch this: Make your own screen-cleaning spray

1:56

For just a few bucks, you can make your own, equally effective screen-cleaning solution at home in large quantities. Keep one on your desk, one at home, and one for the road -- and never overspend on glorified water again.

You'll need:

- 8 ounces 70 percent isopropyl alcohol (rubbing alcohol)
- 8 ounces distilled water
- Small misting spray bottle
- Masking tape and permanent marker for labeling (optional)

ies

The key to this homemade recipe is the use of distilled water. Other unpurified waters,

Right -- most store-bought distilled water stinks like the cheap plastic bottles it's sold in.

clean your phone with supplies you have on hand.



Warning


Never use the following items to clean a cell phone:

- Window or household cleaners
- Compressed air
- Aerosol spray cleaners
- Harsh Solvents (acetone, benzene, toluene)
- [Bleach](#)
- Ammonia
- Abrasive powders
- [Hydrogen peroxide](#)

It is essential to avoid excess moisture when cleaning, which can damage interior electronics. Most cell phone screens, especially smartphones' glass surfaces, have an [oleophobic coating that repels oils from hands and fingers](#). The coating's effectiveness will lessen over time but using anything abrasive on the glass will hasten the loss and scratch the surface permanently.

Lots of warnings – not the best or easiest solutions.



 The Spruce / Julianne Browning

What You'll Need

Equipment / Tools

- Lint-free microfiber cloth

Materials

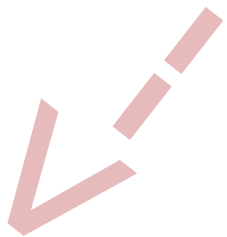
- 1/2 cup Distilled water
- 1/2 cup Isopropyl alcohol, 70%
- Cotton swabs or wooden toothpicks

ThunderWipes can be higher than 70% isopropyl alcohol

These are all products attempting to solve the problem that TunderWipes! solve more effectively, with less danger to toddlers, less mess, less hassle, and more quickly.

dainis w michel

20. February 2021



Definitely contact Whoosh! to license – but figure out a good way to approach them first



Roll over image to zoom in

WHOOSH! Screen Cleaner Kit – Best for – Smartphones, iPads, Eyeglasses, e-Readers, LED, LCD & TVs (3.4 Oz W/2 Cloths)

[Visit the WHOOSH! Store](#)

★★★★★ 906 ratings | 9 answered questions

Amazon's Choice for "screen scratch remover"

Price: **\$14.99** + No Import Fees Deposit & \$7.37 Shipping to Austria [Details](#)

Get a **\$100 Amazon.com Gift Card** upon approval for the Amazon Business American Express Card. Terms apply.

Size: **3.4 Oz W/2 Cloths**

1 Oz W/2 Cloths
\$9.99

3.4 Oz W/2 Cloths
\$14.99

- A POWERFUL SCREEN CLEANER specifically designed to clean all your smartphone & consumer electronic screens and make them shine like new!
- ODORLESS FORMULA – Use Screen Shine at home at work or on the road WHOOSH will not harm you your family or our environment Plus it's alcohol and ammonia free
- FOR ALL ELECTRONIC SCREENS – Screen Shine is specifically designed to clean and polish any cell phone screen and electronic device.
- MAKES YOUR SCREEN CLEAN – Will leave your screen surface clean of dust, dirt, oil and gunk. That's really clean!
- AMAZON EXCLUSIVE ; NEW BOTTLE, IMPROVED PACKAGING, INCREASED VALUE ; Kit includes 1 unit of 3.4 fl oz with 2 Microfiber cloths

https://www.amazon.com/dp/B07TY5H7CK/ref=redir_mobile_desktop?_encoding=UTF8&aaxitk=e6Xb6Kp9qHnnXaO3Ynox5w&hsa_cr_id=8227269100401&pd_rd_plhdr=t&pd_rd_r=2f71af92-6581-4e4c-99b8-7ac995a13238&pd_rd_w=uidcl&pd_rd_wg=aHnLy&ref=sbx_be_s_sparkle_lsi3d_asin_2_title



Roll over image to zoom in

Tech Armor 120 ML Pro Cleaning Kit Spray with ExtraMove Formula and Cleansing Wipes | for TV, Computer Monitor, Laptop, iPad, Smart Phone and Camera Screens | Removes Smudges, Dirt and Finger Prints

Visit the Tech Armor Store

★★★★★ 1,692 ratings

| 103 answered questions

Amazon's Choice for "laptop cleaning kit"

Price: **\$14.95**

Buy more, save more

10 units 250 units

\$14.35

Save 4%

\$12.71

Save 14%

LOWEST PRICE

Get a **\$100 Amazon.com Gift Card** upon approval for the Amazon Business American Express Card. Terms apply.

- Compatible Model(s): Tech Armor water-based TechClean gel formula is safe for ALL electronic devices including your mobile phone, laptop, computer monitor, TV, keyboard, gaming device or controller and much more!
- WHAT ARE TECH ARMOR CLEANING KITS . Tech Armor

https://www.amazon.com/Tech-Armor-Cleaning-ExtraMove-Cleansing/dp/B00E19H9U0/ref=sr_1_5?dchild=1&keywords=phone+cleaning+kit&qid=1613759854&sr=8-5

NEXT GENERATION SCREEN CLEANER

SCREEN SHINE

WHOOSH! Screen Shine is leading the tech hygiene movement and revolutionizing how the world keeps digital screens, devices, gadgets, and gear clean and shiny. Screen Shine is a powerful cleaner specifically designed to clean, polish, and protect your smartphone screens and electronic devices.

[SHOP SCREEN SHINE](#)



FOR ALL SCREENS AND DEVICES

Specifically designed to clean, polish and protect the screen of any cell phone and electronics device. There's nothing in this bottle that will damage, etch or scratch your screens.



ALCOHOL & AMMONIA FREE

No harmful residue left behind. Plus, it's an alcohol-free, ammonia-free, haze-free, anti-static, and streak-free formulation.



CLOTH PROTECTED BY PROTX2

Using Screen Shine® with our ultra-soft **premium** microfiber cloth makes your devices clean and shining like new.

- ▶ Research suggests that your phone is likely playing host to viruses and bacteria.
- ▶ In addition to frequently washing your hands and following other COVID-19 best practices, experts say that deep cleaning your phone at least twice a week is best.
- ▶ The best way to sanitize a phone involves a Lysol disinfecting wipe.

<https://www.goodhousekeeping.com/home/cleaning/a31250434/how-to-clean-phone-screen/>



DESIGN: BETSY FARRELL

Eyeroll

Articles like these leave you more confused after reading them

<https://www.cnet.com/how-to/can-coronavirus-live-on-your-mobile-phone-how-to-clean-it-without-damaging-the-screen-and-what-not-to-do/>

9 things you should never use to clean your phone

We're not here to shame you, but drop that bottle of Windex, stat. This is how not to clean your screen.

Hand sanitizer

Since some hand sanitizers have ingredients, like fragrances and ethyl alcohol, it's best to keep it off your phone's screen. However, if you've touched anything outside your home, you should sanitize your hands before touching your phone to prevent viruses and bacteria from spreading. For best results, use a manufacturer's hand sanitizer rather than making your own at home (they're not as effective).

Window cleaner

You clean your mirrors and windows with window cleaner, and they're squeaky-clean, so it must be OK to use on your phone? Wrong! Some newer phones, such as the [iPhone XR \(\\$749 at Amazon\)](#), have a protective coating that resists water and oil, which can wear out over time.

Using harsh cleaners can strip the coating and could leave your phone more vulnerable to scratches. James LeBeau, an associate professor of materials science and engineering at MIT, told us that any cleanser with an abrasive agent will likely scratch the surface, so those should be avoided entirely.



Watch this: Make your own gadgets to protect you from coronavirus

▶ 1:30

Kitchen cleaners

A screen's scratch-resistant properties won't get ground down by cleaning agents, but stripping that protective coating is still a problem. That's why Apple also suggests not using household cleaning products to clean your iPhone, including bleach. Bar Keepers Friend, for example, states that its abrasive formula may harm the protective layer. [Bon Ami](#) states not to use on glass with coatings.

Paper towels

They may be the go-to for cleaning your desk, but keep them away from your phone. The paper can shred, making the debris on your phone much worse. Paper towels can even end up leaving scratches on your screen.

Rubbing alcohol

Since many newer phones have a protective coating, rubbing alcohol can wear it away quicker over time, causing your phone to be more prone to scratches. Make sure to check for alcohol in product ingredients on any "safe to use" phone screen cleaners. [Apple](#) says to avoid alcohol when cleaning its devices.

Makeup remover

Some makeup removers may have chemicals that can be harsh to an electronic screen. LeBeau suggests avoiding makeup remover and instead use a soft cloth with a little bit of water.

Compressed air

Your phone is delicate, so blowing an intense amount of air into its portals can cause some damage, specifically to your mic. Tech companies, like Apple, specifically warn not to use compressed air.

Dish soap and hand soap

While your dish and hand soaps may be gentle, the only way to use them is to combine them with water. Most phone companies suggest keeping water away from your phone, so again, stick to a damp cloth.

Vinegar

This is a no-no. Vinegar will strip the screen's coating. You could, as [Lifehacker](#) suggests, use very diluted vinegar to cleanse other parts of your phone. [Android Central](#) suggests a 50/50 mix with distilled water for cleaning the sides and back.

Now that your phone is disinfected, it's time to move on to other areas. Here's how to help kill coronavirus in your home and car after you've gone outside, what to do with your delivered packages and mail and why you shouldn't make your own hand sanitizer at home.

First published on April 22, 2019 at 5:00 a.m. PT.

The information contained in this article is for educational and informational purposes only and is not intended as health or medical advice. Always consult a physician or other qualified health provider regarding any questions you may have about a medical condition or health objectives.

Vinegar

This is a no-no. Vinegar will strip the screen's coating. You could, as Lifehacker suggests, use very diluted vinegar to cleanse other parts of your phone. Android Central suggests a 50/50 mix with distilled water for cleaning the sides and back.

Rubbing alcohol

Since many newer phones have a protective coating, rubbing alcohol can wear it away quicker over time, causing your phone to be more prone to scratches. Make sure to check for alcohol in product ingredients on any "safe to use" phone screen cleaners. Apple says to avoid alcohol when cleaning its devices.

Dish soap and hand soap

While your dish and hand soaps may be gentle, the only way to use them is to combine them with water. Most phone companies suggest keeping water away from your phone, so again, stick to a damp cloth.

Window cleaner

You clean your mirrors and windows with window cleaner, and they're squeaky-clean, so it must be OK to use on your phone? Wrong! Some newer phones, such as the iPhone XR (\$749 at

Amazon), have a protective coating that resists water and oil, which can wear out over time.

Using harsh cleaners can strip the coating and could leave your phone more vulnerable to scratches. James LeBeau, an associate professor of materials science and engineering at MIT, told us that any cleanser with an abrasive agent will likely scratch the surface, so those should be avoided entirely.

Disinfect your phone: Wipes, not pure alcohol

If you touch your phone after touching a public door handle or grocery cart, you may immediately think to clean it with rubbing alcohol. Don't. Straight alcohol can strip the oleophobic and hydrophobic coatings that keep oil and water from damaging your display and other ports.

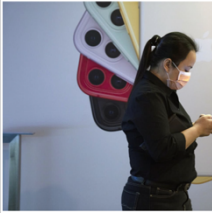
Some websites suggest creating a mix of alcohol and water yourself, but it's crucial to get the concentration right. Get it wrong and you could damage your phone. The safest bet is to use disinfectant wipes that contain 70% isopropyl alcohol to clean your phone screen.

<https://www.cnet.com/how-to/can-coronavirus-live-on-your-mobile-phone-how-to-clean-it-without-damaging-the-screen-and-what-not-to-do/>

day,' medical experts —without damaging

Published Wed, Mar 25 2020 10:13 AM EDT

grow

Aarti Shrivastava
@ADITI_SHRIVASTAVA

A pedestrian wearing a protective mask uses her mobile phone. Apple iPhone advertisement at Orchard Road in Singapore. W
Getty Images

The coronavirus pandemic has led to
products, including hand sanitizer, to

More than likely, however, there is no
of anything. Dr. Amy Edwards, a ped
disease specialist at University Hosp
the UH Roe Green Center for Travel
Health, tells *Grow*. "My advice would
calm, and not to panic."

To protect yourself from coronavirus
say the most important thing to do i
regularly. Don't forget to clean your
clean my phone at least once a day
advises others to do the same — an
experts agree.

Your phone is 'like a th

"It's often said that your phone is like
you're constantly touching it," says c
Melissa Maker.

People take their phones out to eat,
the bathroom. As a result, cellphone
17,000 bacterial gene copies each, a
study. The report concluded that thi
the spread of infectious agents."

More from Grow:

[What to buy when your grocery star](#)
[beans, juice](#)

[How a hairdresser plans to stretch h](#)
[out of work](#)

[3 smart ways to improve your financ](#)
[home](#)

Cleaning phones daily, at least, is sn
Edwards. "Certainly, if you are letting
your phone, you would want to clear
spread."

“ It's often said that ya
like a third hand bec
constantly touching i

Melissa Maker CLEANING INFLUENCER

How to clean and disinf

If you want to clean your phone effe
to use a [Lysol wipe](#) or [disinfectant w](#)
coating of your phone over time. "If
used in those disinfectant wipes are
on electronics," she says.

Until recently, Apple [advised against](#)
cleaning products or compressed ai
month, Apple updated its [instruction](#)
your phone with [disinfectant](#) wipes,
gently and avoid getting any liquid i

[Guidelines for Android](#) handsets still
of disinfectant wipes.

One alternative: Cleaning wipes tha
for electronic devices. A 240-pack of
lens- and screen-cleaning wipes is \$
now.

Maker suggests using a microfiber c
the ability to pick up bacteria." Make
launder the microfiber cloth." A six-p
cleaning clothes is [\\$9.99](#) on Amazon

A damp microfiber cloth can remove
including viruses and bacteria and it
cotton rag, microbiologist Kristen Gi
[Street Journal](#). It won't damage your
wipe might, either.

You can also pair one with a [homem](#)
equal parts water and rubbing alcol
mixture, make sure it's not excessive
down all parts of your phone. This w
disinfectant.

And, of course, make sure you frequ

[The article Clean Your Phone At Lea](#)
[Infectious Disease Specialist origina](#)
[by Acorns + CNBC.](#)

<https://www.cnn.com/2020/03/25/clean-phone-prevent-coronavirus-spread-doctors-say-heres-how-without-damaging-screen.html>

Confidential



Concerned about how to clean your phone and other tech to keep them as germ-free as possible? Here are some to-do's to help guide your choices for tech-safe cleaners, screen wipes and more to help take good care of your devices.

Many germs and viruses such as coronavirus can live on phones and tech.

A recent study by research firm [dscout](#) found that average users touch their phones 2,617 times a day, and that number increases to 5,427 for heavy users. Between touching your phone, your face and surfaces including countertops, keyboards and more, spreading germs is likely.

Some germs and viruses, including coronavirus, can linger on surfaces anywhere from a few hours or up to several days or more, depending on the surface material and the environmental conditions. That's why learning how to clean your phone is just as important as learning the right way to wash your hands.

The best way to clean your phone.

Unlike washing your hands, you can't use soap and water to clean your tech. Most phone manufacturers such as [Apple](#) and [Samsung](#) have changed those recommendations to include the use of alcohol-based cleaning or disinfecting wipes. Follow these 4 steps for the best way to clean your phone. (You can use this process as a tablet cleaner, too.)

1. Turn off and unplug your phone.
2. Thoroughly wash your hands, using soap and water; scrub for at least 20 seconds.
3. Gently wipe down the outside of the phone, including the screen, with an anti-bacterial wipe. Or, spray a soft cloth with an alcohol-based disinfectant cleaner containing 70% isopropyl and use that to clean your phone. (The ratio of 70% alcohol is important: it's enough of a concentration to kill any germs on the phone's surface.)
4. Avoid getting any moisture in the ports.

Before cleaning any of your devices be sure to check the manufacturer's instructions for keeping you tech clean.

The best way to clean your phone cases and accessories.

It isn't just your phone's surfaces that get grimy; your phone case and any accessories such as headphones pick up germs, too. You can follow the same cleaning instructions for accessories as you hands, then use a disinfecting wipe or cloth sprayed with an alcohol-based cleaner. If recommended cases with soap and hot water if appropriate, washing at least 20 seconds. While you're at it, wipe down a list of CDC-recommended household disinfectants.)

In addition, you can also invest in [antibacterial accessories](#) that have antimicrobial protection built-in. with embedded silver ions are designed to kill nearly all bacteria that may accumulate on a screen.

As a rule of thumb, clean your phone and accessories once a day — but disinfecting items more than routine, such as wiping it down when you wash your hands, especially after returning home from time

Reminders: tech and phone cleaning do's.

- Do unplug and turn off your phone first.
- Do use disinfectant wipes with 70% isopropyl alcohol or a similar disinfecting spray, spritzed onto a clean microfiber cloth.
- Do spray any cleaners onto a soft cloth, not directly onto your phone.
- Do wring out the wipe or cloth before using if it's too wet.
- Do use soap and water or disinfecting wipes/spray to wash your phone case, based on the material it made of and manufacturer's instructions.
- Do sanitize your tech at least once per day.

Reminders: tech and phone cleaning don'ts.

- Don't use 100% alcohol cleaning products; they can damage a phone's protective coatings.
- Don't apply liquid or cleaner directly to your phone.
- Don't submerge the phone.
- Don't use liquid bleach.
- Don't let any liquid get into your tech's ports.
- Don't use a paper towel to wipe your screen.

Keeping your cell phone as germ-free as possible takes just minutes a day, but there's one more step. Keep your phone, tablet, earbuds and other accessories to yourself; don't let others pick them up for practice, good cleaning habits and the help of some high-tech, antimicrobial accessories you can sign from your devices.

For more information about the Verizon response to COVID-19, [click here](#).

This content is provided for information purposes only. All information included herein is subject to change without notice. Ver indirect damages, arising from or related to use or reliance of the above content.

Inconclusive studies aside, you definitely should clean your phone. According to Apple, you should use a soft, slightly damp, lint-free cloth to do this. Motorola suggests a microfiber cloth, with a little water if it's really dirty. Google suggests using ordinary household soap or cleaning wipes to clean the Pixel. Conveniently, there are studies that suggest these methods might be enough to get rid of a lot of germs on your phone too.

<https://www.nytimes.com/wirecutter/blog/how-to-sanitize-clean-phone/>

The mechanical aspect of cleaning with ThunderWipes is very important – the surfaces of the two sides.

Like a record cleaner with those mini “hairs” all pointed in one direction to scoop up the dust from the record...

If you don't have a suitable cloth or cleaning solution around, there are plenty of kits available for just this purpose. One such kit is the [Bryson Screen Cleaner Kit \(\\$16.95; amazon.com\)](#). The kit comes with a 16-ounce bottle of screen cleaning fluid that's safe to use on all kinds of displays. Additionally, you'll receive a microfiber cloth that you can dampen with the fluid to get to work. For a more portable phone cleaning package, the [Whoosh! Screen Cleaner Kit is worth checking out \(\\$15.99; amazon.com\)](#). Included are three microfiber cloths and two spray bottles (3.4 ounces and 0.3 ounces) of a cleaning solution tailor-made for phone screens. This pocket-sized kit is easy to take with you so you can clean your screen on the fly.

And finally, there's the [iCloth Lens and Screen Cleaner Wipes \(\\$19.99; amazon.com\)](#). This kit comes with 100 individually wrapped wipes that make quick work of smudges, dust, fingerprints and other everyday grime. The wipes are made of a soft, aerospace-approved fabric, premoistened with a 75% purified water formula. Carry a handful wherever you go to keep your phone looking sparkly clean.



iCloth Lens and Screen Cleaner Pro-Grade Individually Wrapped Wet Wipes, 1 Wipe Cleans an Phone Screen, Camera, Laptop, Tablet, Smartphone, Lenses Box of 100

[Visit the iCloth Store](#)

★★★★★ 1,486 ratings | 81 answered questions

Amazon's Choice for "icloth"

Price: **\$19.99** + \$14.52 Shipping & Import Fees Deposit to Austria [Details](#)

Get a **\$100 Amazon.com Gift Card** upon approval for the Amazon Business American Express Card. Terms apply.

Available at a lower price from [other sellers](#) that may not offer free Prime shipping.

Size: **100 Count**

30 Count	100 Count	200 Count	800 Count
€5.10	€10.00	€20.00	€157.00

Make your own screen-cleaning spray on the cheap

Stop overspending on store-bought screen cleaners -- you can make your own in large quantities for just a few bucks.



Sharon Profis · Oct. 12, 2012 3:19 p.m. PT



62

Generic or not, some of the biggest rip-offs in the realm of consumer electronics have got to be cleaning solutions. Why? Because whether they're marketed to clean your phone, computer screen, keyboard, or mouse, the solution is nearly always water and alcohol.



Watch this: Make your own screen-cleaning spray

▶ 1:56

For just a few bucks, you can make your own, equally effective screen-cleaning solution at home in large quantities. Keep one on your desk, one at home, and one for the road -- and never overspend on glorified water again.

You'll need:

- 8 ounces 70 percent isopropyl alcohol (rubbing alcohol)
- 8 ounces distilled water
- Small misting spray bottle
- Masking tape and permanent marker for labeling (optional)

The key to this homemade recipe is the use of distilled water. Other unpurified waters, like tap water or spring water, will leave an unwanted residue on your screens due to their mineral contents.

Cleaning your iPhone

Learn how to clean your iPhone.

Is it OK to use a disinfectant on my iPhone?

Using a 70 percent isopropyl alcohol wipe or Clorox Disinfecting Wipes, you may gently wipe the exterior surfaces of your iPhone. Don't use bleach. Avoid getting moisture in any openings, and don't submerge your iPhone in any cleaning agents.

Apple will LOVE ThunderWipes!



Nano Hi-Tech Protection

Visit the LUVVITT Store

★★★★★ 2,733 ratings | 69 answered questions

List Price: \$19.99

Price: **\$15.99** + No Import Fees Deposit & \$6.59 Shipping to Austria [Details](#)

You Save: **\$4.00 (20%)**

Get a **\$100 Amazon.com Gift Card** upon approval for the Amazon Business American Express Card. Terms apply.

Extra Savings Promotion Available, 2 Applicable Promotion(s)

Brand	LUVVITT
Material	Glass
Compatible Devices	Tablet, Cellphone
Compatible Phone Models	Galaxy S10, iPhone xr, Note 10 plus, iPhone XS, iPad Pro, iPhone 6s, iPhone 11, iPhone 7, iPhone 11 Pro Max, iPhone X, iPhone 11 Pro, iPhone, I...

[See more](#)

Item Hardness 9H

About this item

- Luvvitt Liquid Glass is a cutting-edge super durable, completely transparent liquid screen glass protector that bonds to the glass of your device offering greatly enhanced scratch, moisture, and impact resistance. Made in Germany. Creates an invisible protective coating that increases the devices screen to 9H hardness
- Made of silica dioxide (SiO2) which is essentially microscopic particles of glass suspended in a liquid solution. Fills in the imperfections of the screen and adds an additional layer of glass.

Luvvit is def a Licensee prospect



[Products](#) ▾ [Industries](#) ▾ [Services](#) ▾ [Company](#) ▾

Search by Keyword

FREE-SAT™ 9" x 9" Polyester Presaturated Class 1-10 Wipers, 99% IPA / 1% DI water

[Home](#) / [Wipes](#) / [Cleanroom Wipes](#) / [Presaturated Cleanroom Wipes](#)



- 99% IPA / 1% DI water
- Heavy-Weight, Highly Absorbent
- ISO Cleanroom Class 3- Class 4 (Class 1-10)
- Polyester, Sealed-Edges
- Item: FS-ULT70-99.99

- 1 + [Add to quote](#)

SKU: FS-ULT70-99.99

Categories: [Cleanroom Wipes](#), [Presaturated Cleanroom Wipes](#)

Tags: [IPA Wipes](#), [Isopropyl Alcohol Wipes](#), [Made in the USA](#), [Polyester Cleanroom Wipes](#), [Pre-wetted Wipes](#)

Quote List



[Products](#) ▾ [Industries](#) ▾ [Services](#) ▾ [Company](#) ▾

CLEANROOM, CLEANROOM NEWS BLOG, FEATURED, GENERAL TOPICS

When is 99% Isopropyl Alcohol Used? Everything You Need to Know

POSTED ON MAY 12, 2020 BY HIGH-TECH CONVERSIONS



07
Feb



Surface Preparation Wipes for Automotive, Aerospace, and Industrial – Presaturated with 85% IPA / 15% DI water

FREE-SAT™ FS-NTP-1711.85 by High-Tech Conversions are 11" x 17" polypropylene wipes designed for general wiping and surface preparation in industrial, aerospace, and automotive manufacturing. They are presaturated with 85% isopropyl alcohol / 15% DI water making them suitable for removing grease, oil and residue.



Applications:



WHOOSH!
• TECH HYGIENE •

SANITECH

POWERED BY
HALO OX™

**DEVICE & SURFACE SANITIZER
KILLS 99.999% OF BACTERIA
BROAD SPECTRUM DISINFECTANT**

SANITECH POWERED BY HALO OX™ KILLS:

MRSA (Methicillin-resistant Staphylococcus aureus), Pseudomonas aeruginosa, Escherichia coli, Salmonella enterica, Staphylococcus aureus, Legionella pneumophila, Aspergillus niger, Norovirus (Feline Calicivirus as surrogate), Human Immunodeficiency virus type 1 (HIV-1), Enterobacter aerogenes, Listeria monocytogenes, Acinetobacter baumannii, Rotavirus, Respiratory Syncytial Virus, Swine Influenza (H1N1), Influenza B Virus, Hepatitis A, Hepatitis B, Hepatitis C, Klebsiella pneumoniae

ACTIVE INGREDIENTS:

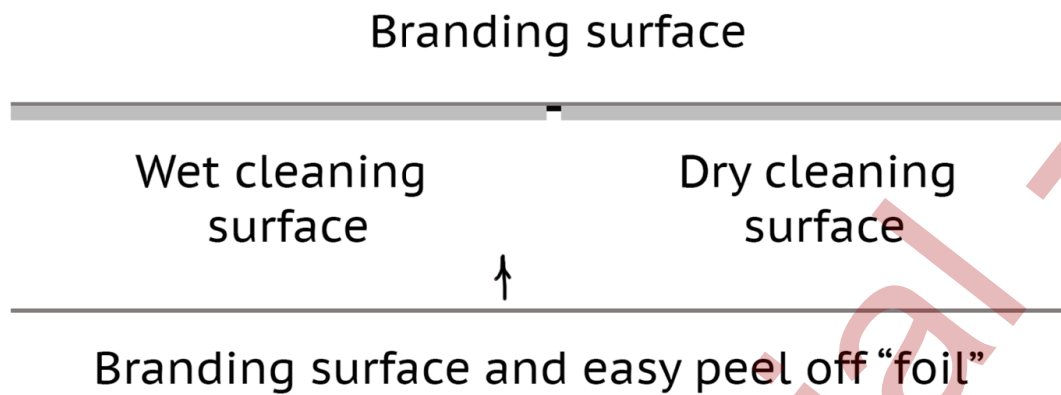
Chlorine Dioxide.....	0.200%
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride.....	0.125%
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride.....	0.125%
Other ingredients.....	99.550%
Total.....	100.00%



CAUTION
KEEP OUT OF REACH OF CHILDREN

**(3.78 L)
128 FL. OZ.**

Variation #1 Cross-Section



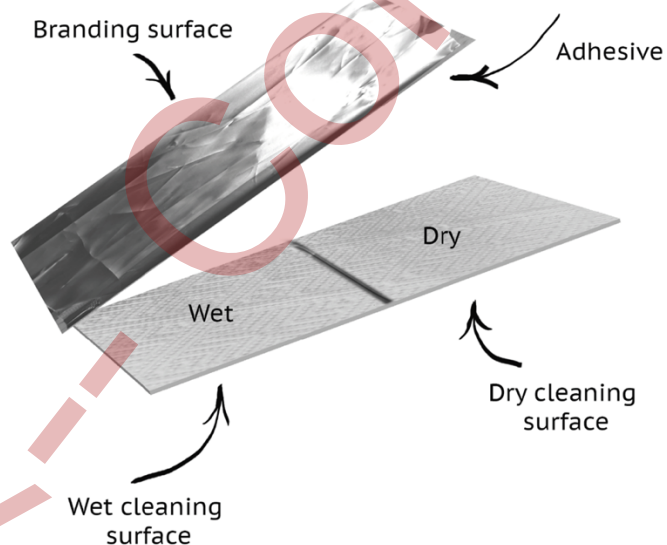
Packaged cross-section



Variation #1

Single-sided VarioWipes:

One-sided with protective foil so you don't have to wear gloves to clean surfaces.



Variation #2

Double-sided VarioWipes:

VarioWipes are distinguished by how they handle wetness and dryness. These double-sided VarioWipes have a waterproof layer between the two surfaces. The surfaces can be divided into multiple areas to deliver chemicals, dryness, coarseness – all for diverse work, medical, household, industrial, and other applications.

Surface A



Surface B

As a double-sided VarioWipe, SurfaceA could be a cleansing hand disinfectant, and SurfaceB could be a nice, moisturizing hand cream. All packaged in one foil wrap.

Double-sided VarioWipes with 3 Surfaces

Surface C



Surface A

Surface B

Three surfaces, for example: Wash, Scrub, Dry.

Variation #3

Single-sided with wetness barrier



Cloth Pad/Wipe with wetness barrier: suggested uses: industrial, home, medical.