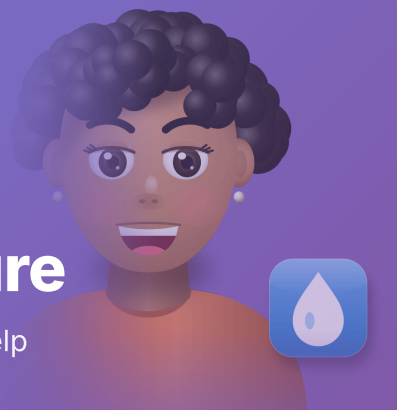
PAULO VASCONCELOS FREITAS
Tech Atelier

IPHONE TIPS · NO. 04 | UPDATED FOR IOS 27

# Wet iPhone or liquid exposure

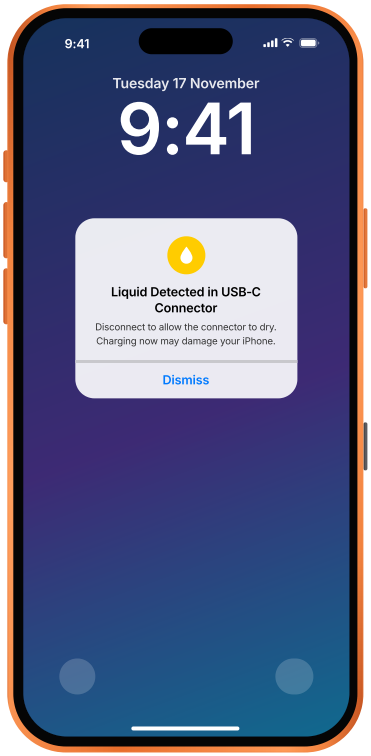
What to do in the first few minutes, and why rice doesn't help



## 1 Do this now, in this order

1. **Take it out of the liquid** and **unplug any cable** or accessory straight away.
2. **Turn the iPhone off**, if it still responds, to reduce the risk of a short circuit.
3. **Remove the case** and dry the outside with a soft, lint-free cloth.
4. With the **connector facing down**, tap it **gently** against your hand to let the liquid out.
5. Leave it in a **dry, well-ventilated place**, at room temperature, connector facing down.
6. Wait **at least 30 minutes** before plugging in a cable again. If the alert appears again, wait up to **24 hours**.

> **Sea water, pool water, coffee or juice?**
> Salt, chlorine and sugar corrode much faster. Don't wait for it to dry: bring the iPhone to us **as soon as possible**.




Example of the liquid alert (iPhone XS and later)

## The rice myth

Apple itself advises against the bag of rice: it **doesn't draw moisture out** of the iPhone, and dust and grains get into the connector. Meanwhile, corrosion spreads unseen. Rice doesn't dry the phone: **it delays the repair**.



**Got it wet? Bring your iPhone to PAULO VASCONCELOS FREITAS – Tech Atelier, in Funchal or Horta.** We diagnose it before corrosion spreads. If the alert is caused by dust or dirt in the connector, **cleaning the charging port is free of charge**.

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## 2 What you should never do

- **Charge** or plug in cables while the connector is wet: it corrodes the contacts and can damage the logic board.
- **Override the liquid alert** to force charging, unless it is a real emergency.
- Use a **hair dryer, oven, microwave** or direct sun: heat damages the battery, the screen and the seals.
- Blow it with **compressed air**: it pushes the liquid further in.
- Push **cotton buds, paper or toothpicks** into the connector or speakers.
- **Open the iPhone** at home: the screen has to be unglued and the risk of breaking it is high.
- **Switch it on and off repeatedly** to "see if it works yet".
- Put the iPhone in **rice**, salt, silica or any other grain.

## 3 How long to wait



**0 min**
Take it out of the liquid, unplug cables and accessories and dry the outside.

**30 min**
First attempt to charge. If the alert appears, unplug the cable.

**24 hours**
Alert still there, muffled sound, marks on the screen? Don't keep trying.

**Days later**
Corrosion can ruin the iPhone even if it seems fine.

## 4 Water-resistant is not waterproof

Since the iPhone 7, iPhones have been resistant to splashes, water and dust (**IP67** or **IP68**). But the tests are carried out in a laboratory, with **still, fresh water**.

- Protection **decreases over time**, with drops, wear and previous repairs.
- Salt water, chlorine, soap, steam and water jets are not part of the tests.
- Apple's warranty **does not cover liquid damage**.

## 5 Signs that liquid got inside

| | | |
|---|---|---|
| **Muffled sound** on calls or from the speaker | **Marks** or lines on the screen | **Fogged camera** on the inside |
| **Face ID** stops working | **Heats up** or the battery drains quickly | **Liquid alert** keeps coming back |

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