

# What Is Freebase Nicotine?

Vaping has rapidly grown in popularity since its inception, partly driven by its appeal as an effective smoking cessation aid. Many former smokers find vaping appealing thanks to its replication of the smoking experience, down to the taste and draw.

Up until recent years, **freebase nicotine** was the only option available in e-juices. While alternatives such as nicotine salts have begun to rise in prominence. When you're looking for a clean nicotine buzz, **freebase** is the purest form there is. It's the most common type of nicotine you'll find in e-liquids today.

## The History Of Freebase Nicotine

**Freebase nicotine** is produced by adding ammonia to pure nicotine, resulting in increased potency without increasing the dosage required. This process was developed by Phillip Morris in the 1960s, resulting in reduced-nicotine cigarettes that were still effective to users.

While one would think nicotine on its own is a perfectly potent drug, it doesn't work that way in the bloodstream. Nicotine is comprised of negatively charged particles, which means they can't flow throughout the body easily.

Phillip Morris found that by removing the positive charge of nicotine base through the addition of ammonia, it will revert to its free state where it can readily be absorbed into the bloodstream.

**Freebasing nicotine** increases its bioavailability, or rather how much of the substance is absorbed by the body. Nicotine, when heated, is much more potent and absorbed faster as well.

The alternative to freebase, found in several e-liquids today, is nicotine salts. There are advantages and drawbacks to both, it just depends on what kind of vaping experience you're looking for.

## Advantages Of Freebase Nicotine

- Purest form of nicotine currently available.
- It can be vaped at higher wattages and temperatures.
- It can be used in all vaping devices.

## PV/VG

E-liquids containing freebase generally have a higher propylene glycol or vegetable glycol ratio than nic salts, typically at a ratio of 70 to 30. This helps account for the higher wattage necessary to produce larger clouds and richer flavor.

E-liquids with a ratio of 50 to 50 are typically best used in lower wattage devices. This results in a smoother hit, and less juice being used.

## **Am I Ready For Freebase Nicotine?**

If you're a vaper, you certainly are — although **freebase nicotine** is not recommended for those who have switched to vaping as a means of trying to quit smoking.

Freebase nicotine e-juice is best used with a higher-powered device, making it a perfect option for cloud chasers. However, this can result in a harsher draw, so those new to vaping may want to save freebase for when they're more seasoned.