

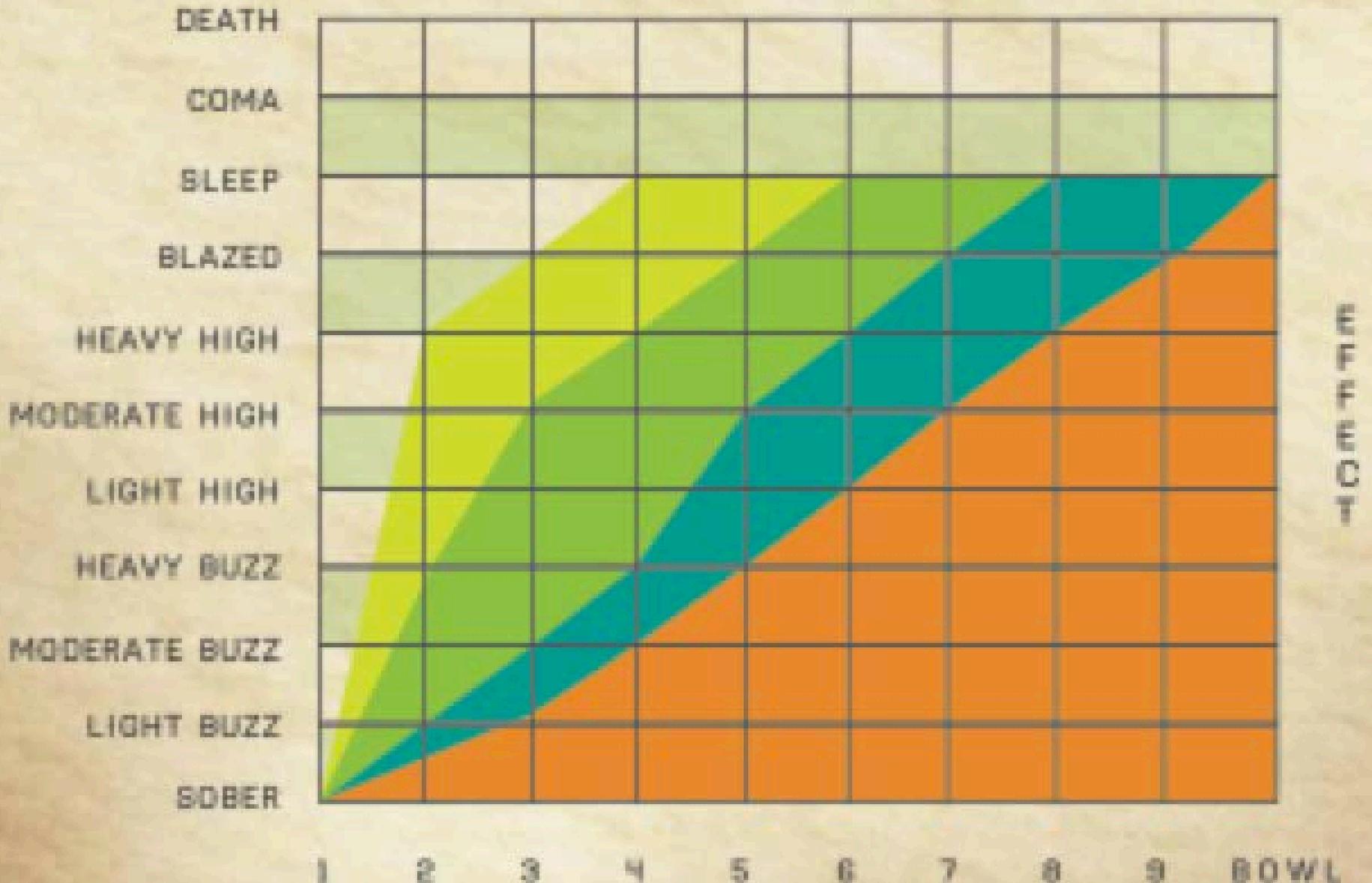
What is Hash, What are Concentrates, what is a Dab?

Why do people use hash and concentrates and how do they consume these products?

By Max Montrose

Why do people use Hash / Concentrates?

- **Medical.** Some people who have chronic epilepsy or extreme chronic pain need to use cannabis through out the day. Due to the endocannabinoid system and how our body responds to cannabis, humans can easily build a tolerance to cannabis quickly. The more you use, the more it takes to get to a reasonable effect. Medical patients who have been smoking multiple times a day for years have very high tolerances.
-
- **Recreational:** A human is a human so the same facts apply for recreational consumers. Also recreational preference; some people just drink beer where other people like to just drink whisky.



book: [The Art and Science of Everything Cannabis](#) by Max Montrose.

© Copyright 2014 by Max Montrose, LLC. All Rights Reserved.

What is Hash?

People have been making and smoking Hash for hundreds if not thousands of years. The cannabis plant grows little mushroom shaped sap like glands called trichomes. These trichomes produce flavonoids, terpenoids, and cannabinoids, which are responsible for the effect cannabis gives you. The cannabis plant itself is not psychoactive yet the trichome sap it grows is psychoactive and therefore you can remove the trichomes away from the plant material for a much cleaner, purer, and stronger effect. Smoking the plant isn't all that bad; it's also not necessary to smoke the plant if the extracted hash is available.

Trichomes



Kief is the most basic form of hash. When you use a grinder with a screen in it, the screen removes the dried resin glands. A pile of dried cannabis trichomes can be whitish, greenish, yellowish, or a combination of these colors depending on the grade of the material. The Arabic word for Hash is Kief.



Bubble is one step up from kief. When you extract the trichomes using bags with screens on the bottom in a bucket of cold ice water, and press the hash together to dry what you get is basically pressed kief. Another differences with bubble hash is you would not use dry cannabis buds, but rather more fresh product so the result is a clump of fresh sticky hash and not dry flaky particles. Bubble hash is called bubble when it is done in such a proper way that when you smoke the hash it starts to bubble up.



Earwax hash is called earwax because it is yellow and waxy and similar to wax you may find in your ear. This term is not so appealing to some people so a more acceptable term is to just call it wax. Wax has been extracted with a solvent, usually butane but sometimes its extracted with propane and even hexane. Wax is much more potent then bubble because the trichomes have been broken open and re-concentrated together to form a more potent product per serving size. Wax comes out as an oil, but when it is stirred or whipped the oxygen dries the oil out while fluffing it up into a waxy form.



Shatter is the result of over purging wax. When making wax or shatter it is important to cook out the residual solvent matter by heating the hash up and applying a high-powered vacuum to the product to suck out the residual solvent gasses. When you continue to cook down the wax, the wax itself starts to melt into a finer product that looks like a glassy liquid. This product is as sticky as super glue and you can't handle it unless it's frozen. When you break a slab of frozen shatter on a table, it shatters hence the term shatter hash.



Budder is very similar to wax. The difference is it's more wet and thus less waxy.



Hash oil is arguably the most pure form of solvent extracted hash. It's so pure it's in a liquid/oil form. If you were to vigorously whip the oil on a plate it will turn into a wax.



Solvent free:

There are hash or extract artists who are coming up with more creative ways to extract hash. The goal of many hash makers currently is to make a wax or shatter like product that is solvent free. This is a complicated task yet some hash makers have pulled it off.

Many of these technics are still secret.





Closed Loop BHO System



The Purge

CE

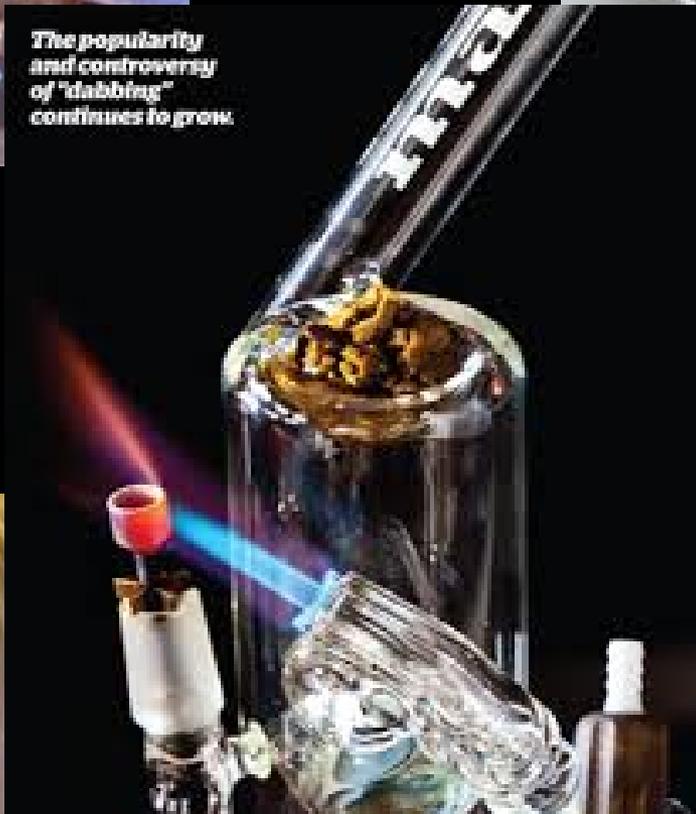


Vacuum pump, cold trap and vacuum drying oven. Achieves both desired vacuum levels and temperatures. Can be used for degassing and/or decarboxylation.

How Do you Dab?







The popularity and controversy of "dabbing" continues to grow.



Safe Dabbing?



Should Concentrates Be Illegal?

Two Critically Injured in Explosion While Making Marijuana Concentrates

Jan 31, 2013 by [lucy](#)

Crime, So Cal

On Wednesday, two people in an Ocean Beach, CA motel room were critically burned in an explosion that occurred while they were trying to make marijuana concentrates.

A man, 21, and a woman, 20, were using butane as a heat source when the man lit a cigarette, causing the explosion.

The explosion was huge, blowing out several windows in a number of rooms in the motel and collapsing walls. Flames shot out of the room and moved across the ceiling. Forty five firefighters spent a half hour trying to get the blaze under control.

Witnesses say the man who was making the concentrates was on fire, with his entire body engulfed in flame. According to San Diego Fire Rescue spokesman Maurice Luque, the burns suffered by the two individuals are "potentially life-threatening."

Another man staying in an adjacent room was injured by flying debris. The rest of the occupants of the hotel were evacuated.

Aside from the police investigation, the DEA is also looking into this matter.

