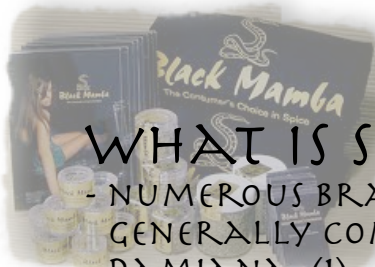


# SPICE



## WHAT IS SPICE?

- NUMEROUS BRANDS OF SPICE ARE MARKETED AS INCENSE AND ARE GENERALLY COMPRISED OF A CENTRAL AMERICAN SHRUB KNOWN AS DAMIANA. (1)

- DAMIANA IS AN INERT SUBSTANCE HAVING NO \*PSYCHOACTIVE EFFECTS. (1)
- DAMIANA HAS BEEN TRADITIONALLY USED AS AN APHRODISIAC AND A MILD ANTI-DEPRESSANT. (1)
- ANY FELT EFFECTS AS A RESULT OF INGESTING DAMIANA IS LIKELY DUE TO THE PLANT BEING MIXED WITH A SECONDARY PSYCHOACTIVE SUBSTANCE. (1)

## WHY SHOULD I BE WORRIED?

- SPICE IS CLEARLY MARKED "NOT FOR HUMAN CONSUMPTION" ON PACKAGING.

- THE TYPE AND POTENCY OF ADDED INGREDIENTS ARE NOT KNOWN OR MONITORED OUTSIDE THE MANUFACTURE, UNLESS EXPENSIVE TESTING IS PERFORMED.

- DESPITE CLEAR MANUFACTURE WARNINGS, SMOKING SPICE HAS BECOME INCREASINGLY POPULAR AND HAS BEEN FOUND TO PRODUCE A MARIJUANA (THC) LIKE HIGH. (4)

-\*\*AGONIST CHEMICAL'S HAVE BEEN FOUND IN VARIOUS BRANDS OF SPICE.

-EFFECTS OF INGESTION INCLUDED REDDENED EYES, ELEVATED PULSE RATE, & ALTERED MOOD & PERCEPTIONS. (4)

-AGONIST CHEMICALS FOUND IN SPICE CAN BE FOUR TO FIVE TIME MORE POTENT THAN THC. (5)

-USE OF SPICE CAN HAVE UNKNOWN OR UNEXPECTED SIDE EFFECTS.

-USE WILL IMPAIR MENTAL ABILITIES RELATED TO JUDGMENT, TIME AND DISTANCE, DIVIDED ATTENTION (MULTI TASKING), AND REACTION.

-USERS HAVE REPORTED SPICE CAUSING EXTREME ANXIETY AND PANIC ATTACKS. (6)

-PANIC ATTACKS WERE REPORTED TO BE PROLONGED IN NATURE AND REOCCURED HOURS, DAYS, AND WEEKS AFTER HIGH DISSIPATED. (6)

-PANIC ATTACKS AND REOCCURRING "BAD TRIPS" ARE COMMON SIDE EFFECTS OF HARDER STREET DRUGS LIKE LSD AND METH.

-SPICE IS "LEGAL" MARIJUANA.

-DESPITE SPICE POSSESSING THE SAME PSYCHOACTIVE ABILITIES AS MARIJUANA, NO STATE REGULATIONS EXISTS REGARDING POSSESSION, USE, AND DISTRIBUTION.

-SPICE CAN BE LEGALLY PURCHASED IN TOBACCO SHOPS AND CONVENIENCE STORES WITHOUT AGE RESTRICTION.

-HISTORICALLY CONSUMPTION RATES INCREASE BASED ON AVAILABILITY.

-ALCOHOL IS THE NUMBER ONE SUBSTANCE ABUSED BY TEENS. (7)

-THE ADOLESCENT BRAIN IS MORE SUSCEPTIBLE TO IMPAIRMENT AND ADDICTION THAN THE ADULT BRAIN

-AN ADOLESCENT CAN BECOME IMPAIRED AND ADDICTED FASTER, AND AT LOWER AMOUNTS, THAN AN ADULT.

-THE MORE AVAILABLE SPICE IS TO A TEEN, THE MORE THE TEEN WILL USE SPICE.

-ADOLESCENT USE OF SPICE CAN RESULT IN IMPAIRMENT, EARLY ADDICTION, AND POSSIBLE PSYCHOSIS.

-BRAIN CHANGES DUE TO THE DEVELOPING NATURE OF THE ADOLESCENT BRAIN WILL BE PRESENT THROUGHOUT LIFE.

\*\* AN AGONIST IS A SYNTHETIC CHEMICAL THAT CAN INTERACT WITH CELL RECEPTORS IN THE SAME MANNER AS A NATURAL OCCURRING SUBSTANCE. DESPITE BEING CHEMICALLY DIFFERENT FROM THE NATURAL OCCURRING SUBSTANCE AN AGONIST WILL PRODUCE THE SAME TYPE OF EFFECTS. (3)

\* A PSYCHOACTIVE SUBSTANCE INTERACTS WITH THE HUMAN BODY BY SPEEDING UP OR SLOWING DOWN THE CENTRAL NERVOUS SYSTEM (CNS). PSYCHOACTIVE DRUGS CAN CAUSE IMPAIRMENT & INCREASED TOLERANCE IF USED IN A HIGH ENOUGH DOSE. USE OVER A PROLONGED PERIOD OF TIME CAN CAUSE ADDICTION. (2)

WHAT SHOULD BE DONE TO REDUCE USE?

- BAN USE, POSSESSION, AND DISTRIBUTION OF INCENSE, OR OTHER SUBSTANCE, WHICH CAN PRODUCE A CANNABIS LIKE HIGH.

### REFERENCES,

- 1- [HTTP://EN.WIKIPEDIA.ORG/WIKI/DAMIANA](http://en.wikipedia.org/wiki/Damiana)
- 2- [HTTP://EN.WIKIPEDIA.ORG/WIKI/PSYCHOACTIVE](http://en.wikipedia.org/wiki/Psychoactive)
- 3- [HTTP://EN.WIKIPEDIA.ORG/WIKI/AGONIST](http://en.wikipedia.org/wiki/Agonist)
- 4- [HTTP://WWW.CPG.UNI-FREIBURG.DE/SKTUELLES/PUB/MUELLER\\_SPICE\\_JMS](http://www.cpg.uni-freiburg.de/sktuelles/pub/mueller_spice_jms)
- 5- [HTTP://HIGHTIMES.COM/NEWS/DAN/5014](http://hightimes.com/news/dan/5014)
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