The U.S. Food and Drug Administration (FDA) discovered in a laboratory analysis of electronic cigarette there was diethylene glycol, an ingredient used in anti-freeze. ESD’s are not regulated by the FDA.

Other exposure is through the eye and the skin.

Large doses of nicotine have a potential for poisoning with symptoms beginning with nausea and vomiting in cases of acute toxicity, progressing to seizures and respiratory depression in cases of severe nicotine poisoning.

Withdrawal symptoms occur when you stop using ESDs, including feeling irritable, depressed, restless and anxious.

California Department of Corrections and Rehabilitation released a memorandum on the use/possession of electronic smoking devices (ESD), that electronic cigarettes, cigars, or pipes are strictly prohibited.

- California Code of Regulations (CCR) Title 15, §3188(C)
- The Department Operations Manual (DOM) §31110.1
- Division of Juvenile Justice (DJJ) Contraband Policy

Most ESDs contain nicotine which comes in a wide variety of designs, flavors and nicotine levels. Supporters claim that ESDs release "nothing but water vapor." However, water is not an ingredient.

Most testing of some e-cigarette products found the aerosol to contain carcinogens and toxic chemicals such as formaldehyde and acetaldehyde.

Policy:

Facts:

Resources:

- National Institute on Drug Abuse
- No-Smoke.org
- U.S. Food and Drug Administration