E-cigarettes contain a liquid nicotine solution that can be poisonous. These products come in bright colors and appealing flavors and scents, making them particularly attractive to young children.

**Lethality**

Nicotine is an **acute toxin**

Liquid nicotine can be harmful if **swallowed** or **absorbed through the skin**

**Symptoms include:**
- Nausea
- Vomiting
- Increased heart rate
- Increased blood pressure
- Seizures
- Death

Just a few drops of liquid nicotine could result in a **trip to the ER**

Lethality depends on the **weight** of the child and the **concentration** of the liquid nicotine

Ingesting less than **1/4 of a teaspoon** of 1.8% concentrated liquid nicotine can be fatal to a 50 pound child
A Growing Problem

Poison control centers reported a **145% increase** in calls involving e-cigarettes and liquid nicotine between 2013 and 2014.

E-Cigarette and Liquid Nicotine Exposures Reported to Poison Centers

More than half of these exposures occurred in children ages 5 and under.

Safety Tips

- Keep liquid nicotine and e-cigarettes locked up, out of sight, and out of reach.
- Make sure liquid nicotine is stored in child-resistant containers.
- Protect your skin when handling liquid nicotine.
- Program the poison control number into your phone and call immediately if skin contact or ingestion occurs.

1 (800) 222-1222

For detailed sources and resources:
childrensafetynetwork.org/infographics/e-cigarette-poisoning

July 2015

Children’s Safety Network
E-Cigarette Poisoning

E-cigarettes contain a liquid nicotine solution that can be poisonous. These products come in bright colors and appealing flavors and scents, making them particularly attractive to young children.

Lethality

Nicotine is an acute toxin

Liquid nicotine can be harmful when swallowed or absorbed through the skin

Symptoms include:

- Nausea
- Vomiting
- Increased heart rate
- Increased blood pressure
- Seizures
- Death

Just a few drops of liquid nicotine could result in a trip to the ER

Lethality depends on the weight of the child and the concentration of liquid nicotine

Ingesting less than a quarter of a teaspoon of 1.8% concentrated liquid nicotine can be fatal to a 50 pound child

A Growing Problem

Poison control centers reported a 145 percent increase in calls involving e-cigs and liquid nicotine between 2013 and 2014

| E-Cigarette and Liquid Nicotine Exposures Reported to Poison Centers |
|---|---|---|---|
| Calls | 2011 | 2012 | 2013 | 2014 |
|      | 271  | 460  | 1543 | 3783 |

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