Packaging Requirements for Liquid Nicotine

Mike Freiberg
Minnesota State Representative
CSG 2015 National Conference, December 12, 2015
Roadmap for this Presentation

- The Issue of Liquid Nicotine
- Policy Approaches
- Minnesota’s Child-Resistant Packaging Requirement
- Enforcement Issues
- Requirements in Other States
Appeal to Kids
Nicotine is Poisonous!

NEW E-CIG FEAR: POISONED KIDS

Minnesota health officials reported 50 cases of children drinking e-cigarette liquid in 2013, a tenfold increase over the previous year.

The Washington Post

Calls to poison centers about e-cigarettes have surged

Paul J. Richards/AFP/Getty Images - This photo illustration shows a woman smoking a “Blu” e-cigarette (electronic cigarette).

By Brady Dennis, Published: April 3 Email the writer

Calls to poison centers across the country involving e-cigarettes have surged in recent years as the products
Nicotine is Poisonous!

Nicotine poisonings of children continued to rise in 2014
Minnesota Department of Health sent this bulletin at 06/10/2015 10:01 AM CDT

NEWS

POLICE SAY BABY DIED AFTER INGESTING LIQUID NICOTINE

Thursday, December 11, 2014

FORT PLAIN, N.Y.-- Police said a Mohawk Valley toddler has died after he swallowed liquid nicotine, the chemical used in electronic cigarettes.
Nicotine is Poisonous!

E-cigarette Device and Liquid Nicotine Reported Exposures to Poison Centers

<table>
<thead>
<tr>
<th>Year</th>
<th>Exposures</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>271</td>
</tr>
<tr>
<td>2012</td>
<td>460</td>
</tr>
<tr>
<td>2013</td>
<td>1,543</td>
</tr>
<tr>
<td>2014</td>
<td>3,783</td>
</tr>
<tr>
<td>2015</td>
<td>2,452*</td>
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</tbody>
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*Through September 30, 2015
Nicotine is Poisonous!

Severe nicotine toxicity

Early Symptoms (first hour of exposure):
- Vomiting
- Cardiac Dysrhythmia
- Seizure

Late Symptoms (exposure + .5 – 4 hours):
- Hypotension
- Bradycardia
- Lethargy
- Respiratory failure

Oral Lethal Dose Estimate: 0.8 – 13 mg nicotine per kg of body weight

15 ml liquid
(18 mg nicotine per ml liquid)

4 ml (.8 tsp)
Policy Approaches
Child-Resistant Packaging

(a) For purposes of this section, "child-resistant packaging" is defined as set forth in Code of Federal Regulations, title 16, section 1700.15 (b)(1), ... when tested in accordance with the method described in Code of Federal Regulations, title 16, section 1700.20 ...

(b) The sale of any liquid, whether or not such liquid contains nicotine, that is intended for human consumption and use in an electronic delivery device, ... that is not contained in packaging that is child-resistant, is prohibited. All licensees under this chapter must ensure that any liquid intended for human consumption and use in an electronic delivery device is sold in child-resistant packaging.

(c) A licensee that fails to comply with this section is subject to administrative penalties ...

Effective date: January 1, 2015

Minn. Stat. Sec. 461.20
Enforcement Issues
Packing Requirements in Other States

- Arkansas
- Illinois
- Indiana
- Massachusetts
- Minnesota
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio
- Oregon
- Rhode Island
- Tennessee
- Utah
- Vermont
- Virginia
- Wyoming
Questions?