

Chemical Product Lifecycles. What Happens When it Leaves the Store?

Rick Gilbert
Kitsap County Household
Hazardous Waste Collection
Facility

1

Overview

- How easy it is to distribute chemical products, and how difficult it can be to manage them.
- Examples of current management methods
- Emerging trends

2

Retail Distribution

- Growth of Big-Box Stores and Volumes of Chemical Products
- The Magic of Marketing
- What the Label Tells you, and What it Doesn't
- "Suggestive Health Concerns"

3

Malathion Miseries



4

Hazardous Product Management

- Basic Definition of Hazardous Substances

5

The Product-to-Waste Path: How can you manage it?

- Large Industrial Generators of Hazardous Waste
- Household Hazardous Waste and Small Quantity Generator Waste
- Universal Wastes

6

The Product-to-Waste Path: What Happens to it?

- Large Quantity Generator and HHW/SQG Waste: trends toward similar management
- What Happens Once it Hits the “Third R” and below:
Recycling, Fuel Blending,
Neutralization, Stabilization,
Incineration, etc.

7

Moving On...

- State of Washington, Department of Ecology: Beyond Waste
"Beyond Waste"
<http://www.ecy.wa.gov/biblio/0504011.html> (Action Plan)
<http://www.ecy.wa.gov/biblio/0407022.html> (Final Report)
- Product Stewardship Initiatives

8

Consumer “Best Management Practices”

- Do Your Homework
- Proper Storage
- Proper Transportation/Management
- Consider Alternatives

9

Summary and Questions

10

Thank you!

Rick Gilbert
rgilbert@co.kitsap.wa.us
360-337-5692

More Information:

Household Hazardous Waste Collection Facility

<http://www.kitsapgov.com/sw/modwaste.htm>

What Do I Do With It?

<http://www.kitsapgov.com/sw/recycle.asp>

2good2toss

<http://www.2good2toss.com/kitsap/>

Managing Lawns the Less Toxic Way

<http://www.kitsapgov.com/sw/lawncare.htm>

Ecology's Hazardous Substance Information & Education Page

<http://www.ecy.wa.gov/hsieo/index.html>

"Beyond Waste"

<http://www.ecy.wa.gov/biblio/0504011.html> (Action Plan)

<http://www.ecy.wa.gov/biblio/0407022.html> (Final Report)