



10th IOHA International  
Scientific Conference

# Product Stewardsip Why Hygienist Are Built For This Job

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# Product Stewardship Defined

- No consensus definition. Definitions found include:
  - ..(our) product stewardship program considers and addresses the health, environmental, and safety factors **throughout the life cycle of each product.** Risk characterization is a key element of this program
  - .. Product stewardship is the **legal, ethical, and moral obligation** to ensure our products and **technologies** are safe and environmentally responsible

# Product Stewardship Defined



*Product stewardship is where environmental, health, and safety protection **centers on the product itself, and everyone involved in the lifespan of the product** is called upon to take up responsibility to reduce its environmental, health, and safety impacts.*

*USEPA*

# Product Stewardship Defined



*...an integrated **business process** for identifying, managing, and reducing **safety, health, and environmental risk** throughout all stages of a **product's life** in the best interest of our **customers, employees, shareholders, and society***

# What is Product Stewardship?

- Common elements become clear
- Whether defined as
  - a set of principles,
  - a program,
  - a tool,
  - a policy,
  - or a process
- The focus is products
- Drivers are compliance, voluntary agreements, business success, moral, and ethical in nature

# Why is Product Stewardship a Priority?

- Global Regulatory Requirements/Influences growing.
- Business Influences/Market Demands.
  - Business to business pressure
- Public/Stakeholder Influences.
  - Consumers, NGOs, Retailers

# Elements of Product Stewardship



- Product stewardship involves elements of:
  - Chemistry
  - Toxicology
  - Hazard Assessment
  - Exposure assessment
  - Hazard communication to diverse user groups
  - Working across a wide range of functional groups in any organization
  - Regulatory analysis and implementation across a wide range of topical areas

# Program Content: Management Systems



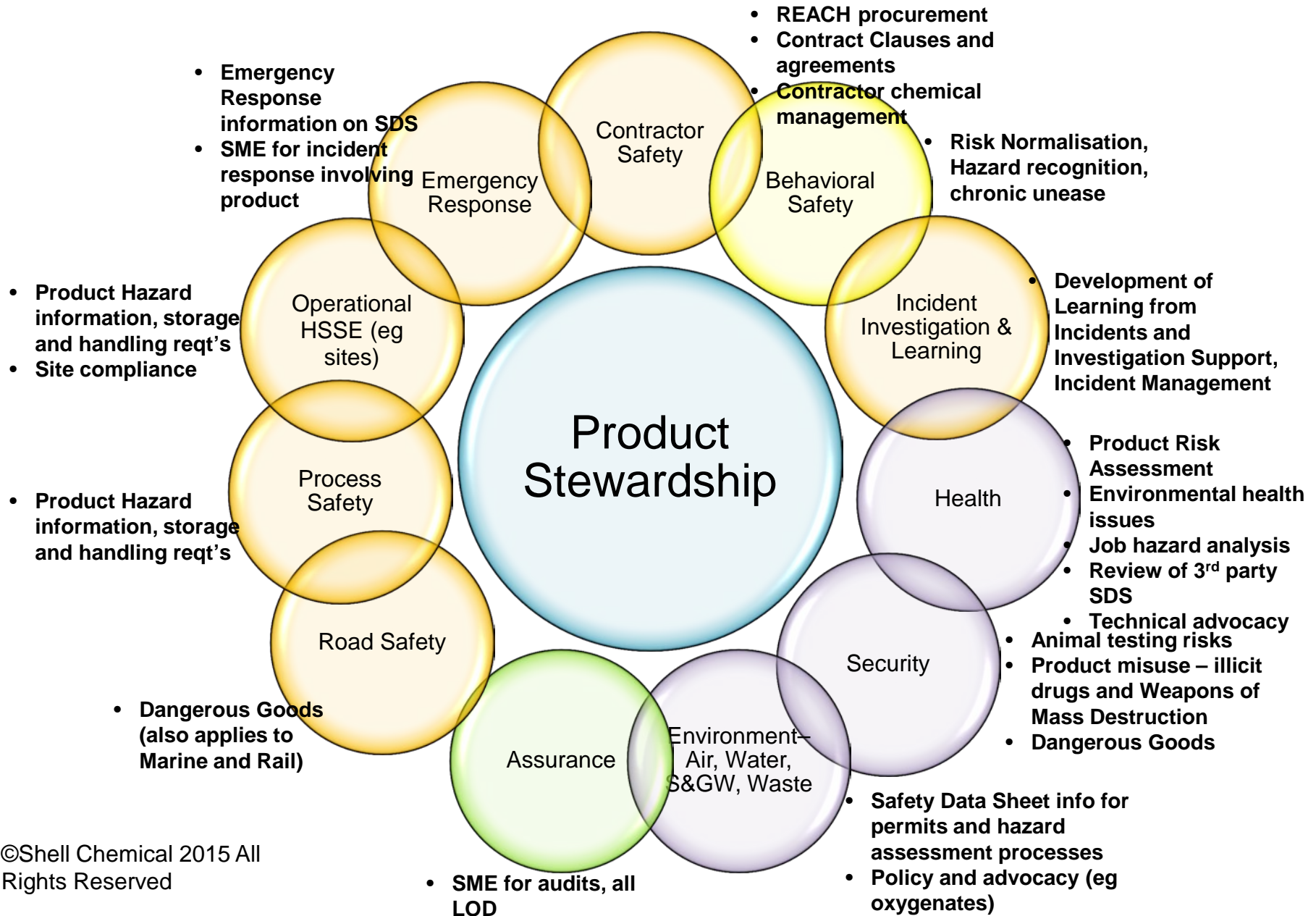
- Product Design and Development
- Purchasing
- Manufacturing
- Distribution/In Transit Handling
- Marketing
- Use Conditions/Customer Communications
- COMPLIANCE
- RISK MANAGEMENT



# Hygienist Are Built for This Job

- Industrial hygienist through training and experience are well suited for many of these activities
- Implementing product stewardship takes a cross-functional approach and affects many departments or functions in a company

# INTERFACES WITH HSSE DISCIPLINES



# Today and Beyond...



- Growing requirements by regulation or policy for new chemicals
  - REACH influence on global scale
  - USEPA TSCA
- Growing regulatory/voluntary spotlight on existing chemicals.
  - Substantially increases overall need for expertise
- Public, Customers, Regulators seeking more information.
  - Increased stakeholder list for hazard/risk communication
- Product Stewardship is “*Industrial Hygiene for Products*”
- Product Stewardship presents opportunities for hygienists



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