

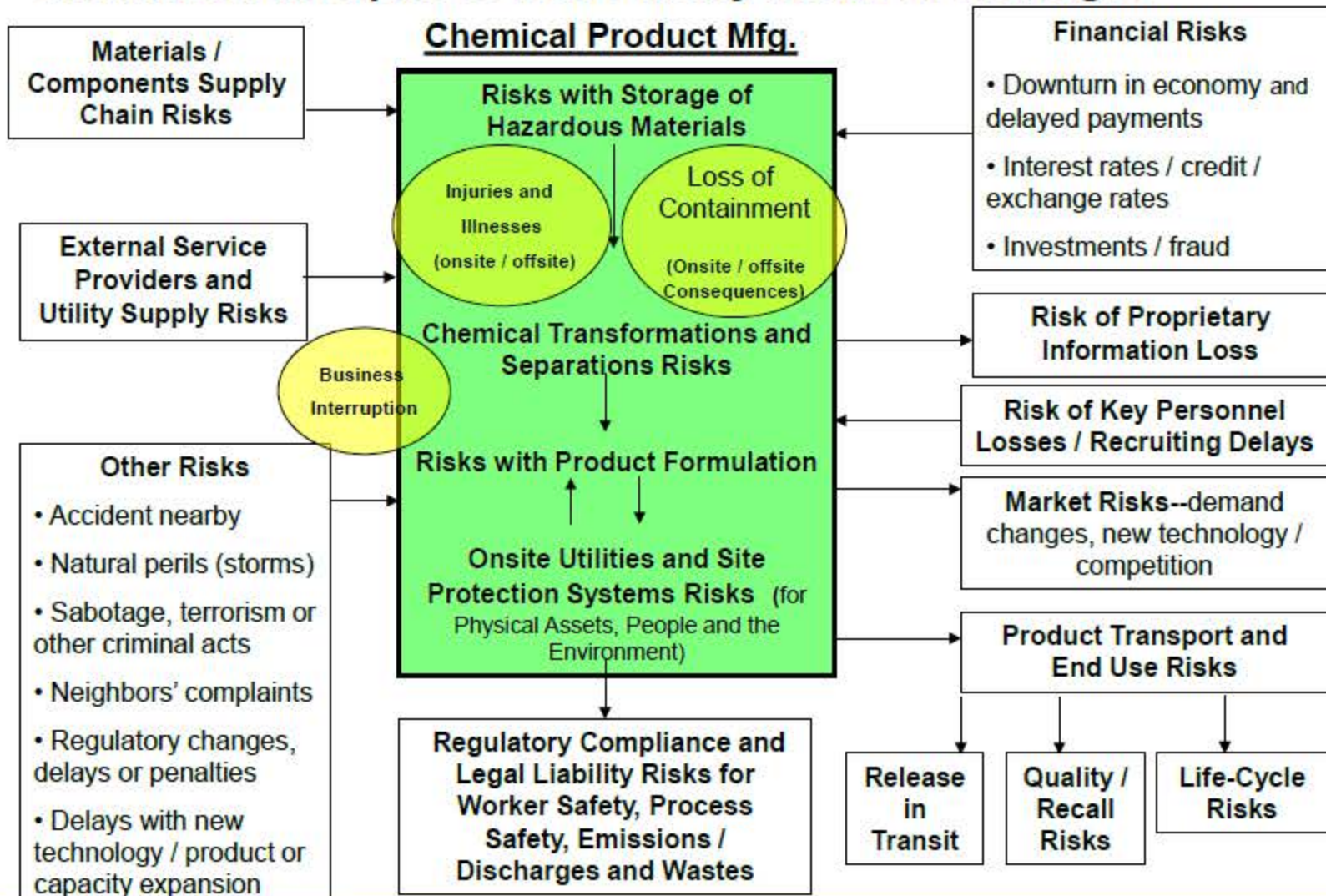
# *ChemStewards<sup>®</sup>*

*J. Holland Jordan, Ph.D.*  
*Managing Director*  
*ChemStewards*  
*SOCMA*

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(202) 296-8120 Fax  
[www.socma.org](http://www.socma.org)




# Chemical Enterprises Have Many Risks to Manage!



# Take Home Message

- Management Systems
- Corporate Commitment
- **There will be a test at the end!**




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# SOCMA

- We are the only U.S. based trade association dedicated solely to the batch, custom and specialty chemical industry.
- 213 member companies
- 120 Active manufacturers
- 160 manufacturing sites



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# SOCMA Statistics

- Sales Numbers                      % of Members
  - < \$10M                              46%
  - \$10 - \$40M                        35%
  - \$40 - \$100M                      6%
  - > \$100M                            3%



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# SOCMA Statistics

- Employees      % of SOCMA Members
  - <10                      21%
  - 11 – 50                    31%
  - 51 – 99                    19%
  - 100 -299                   14%
  - 250 – 499                 6%
  - 500 – 1000               6%



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# One Size Doesn't Fit All!

- ChemStewards® was created by and for the batch, specialty and custom chemical industry!



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## *What is ChemStewards?*

- An industry-developed Environmental, Health, Safety & Security (EHS&S) program
- Designed to meet the needs of the Batch, Custom and Specialty Chemical Industry
- Mandatory for SOCMA Active Members
- Third party verification program

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# ChemStewards<sup>®</sup> Program



## Summary

### Three Tiered Program With Key Performance Requirements Per Tier

Components	Fundamentals Tier [Tier 1]	Enhanced Performance Tier [Tier 2]	Excellence Tier [Tier 3-Merit Based]
<b>Core Principles</b>	Signed by CEO or President		
<b>Management System</b>	Focus on 6 Core and Regulatory Based Elements	Full MS Implementation	Full MS Implementation Plus Completion of a Third-Party EHS&S Management System Verification
<b>Security</b>	Security Vulnerability Analysis, Countermeasures, Verification*		
<b>Metrics</b>	Annual Report of: <ul style="list-style-type: none"> <li>▪ Toxic Release Inventory (TRI)</li> <li>▪ OSHA Recordable Rate</li> <li>▪ Number of Process Safety Incidents</li> <li>▪ Greenhouse Gas Emissions</li> </ul>	Annual Report of Tier 1 Metrics plus <ul style="list-style-type: none"> <li>▪ Energy Usage</li> <li>▪ Hazardous Waste Generation</li> <li>▪ Employee Training</li> <li>▪ Product Stewardship</li> </ul>	Annual Report of Tier 2 Metrics  **Eligibility Based on Achieving Established Performance Goals
<b>Verification</b>	Year 1 - Self Assessment (PEV) Year 2 - Document Review Year 3 - Onsite Audit; Certification Granted		

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# *ChemStewards<sup>®</sup>*

## *Core Principles Overview*

- Members commit to principles covering:
  - Stakeholder communications and transparency
  - Product stewardship
  - EHS&S in operating and planning
  - Employee training, awareness and involvement
  - Sustainability

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# *ChemStewards<sup>®</sup>*

## *Management System Overview*

- *Facility based program* that incorporates corporate support functions
- Checklist approach, not a technical specification
- Utilizes the Plan/Do/Check/Act model for continual improvement



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# *Path to Initial ChemStewards Certification*

Year 1 – Program  
Element  
Verification &  
Security  
Vulnerability  
Assessment

Year 2 -  
Document  
Review

Year 3 - Onsite  
Audit

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# *Certified Facilities*



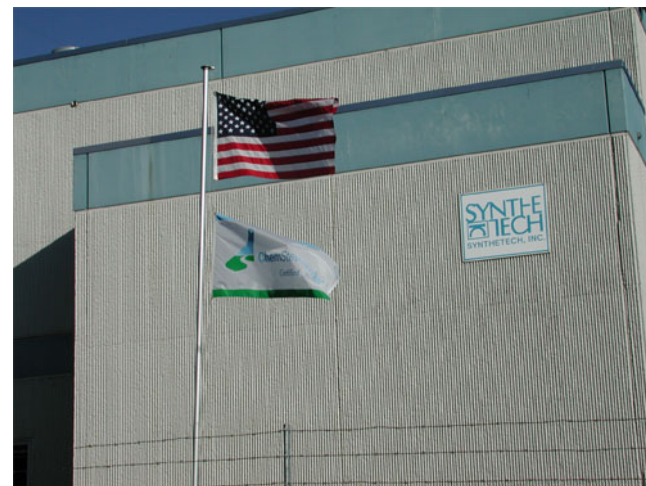
**Oakwood Products- West Columbia, SC**



**Nease Corporation - Harrison, OH**



**Cambridge Major Laboratories – Germantown, WI**




**W.R. Grace & Co. (formerly Synthetech) – Albany, OR**

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## *Resources Available*

- CSMS Implementation Manual
- CSMS procedures
- Regulatory support through ChemAlliance.org
- Committees focusing on specific areas of EHS&S interest
- Training & awareness through webinars, teleconferences, seminars such as Global Chem and Security Summit
- Regulatory tools such as TSCA manual, Security Vulnerability Assessment manual, and VCAT
- DVDs of mock audits
- ChemStewards Integrated Management System (CIMS)
- Operator Training Manual
- SOCMA Q&A Page among SOCMA members
- Full time ChemStewards® staff
- Facility and auditor checklists with a CSMS Verification Objectives Document
- Member networking at annual regional meetings & awards dinner
- Press assistance



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## *SOCMA Q&A Page*

- Allows SOCMA members to pose a question to a sub-network of members and others to share their answers, suggestions and comments, anonymously
- Provides a framework for more SOCMA members to interact more frequently based on other similar interests and ideas
- Located in the new SOCMA Marketplace



Marketplace &  
Chemical Services Directory

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**Search SOCMA Marketplace**

Search by Name, Company or Keyword

# Critical Factors for Change

- Must have complete buy in through out the organization – Upper Management on down and back up again!
- A system is needed for consistency and accountability!
- ChemStewards is that system for the small and medium enterprise



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# What's Next?

- ChemStewards® Optimization
- Demo



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*Questions?*

Visit

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