Join the Michigan TIER II MANAGER Community

Chemical inventories, facility locations, and emergency plans are hard to manage and retrieve in an emergency!

Most reported not even consulting the chemical inventory reports at all…"too hard to get to or we don't know where they are…"

Information is not centralized or complete!

Reports are stored at the Fire Station and LEPC whereas the paper MSDS is located in a binder at the chemical facility. Complete information may not be available.

Information is outdated!

Outdated information misinforms First Responders and threatens the safety of responders.

Easy to use web-based system that brings together
Businesses, Administrators, Planners, and First Responders <u>in an easy-to-use system</u> that helps you get the job done better in less time and less effort.

TIER II MANAGER Enterprise

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Chemical Storage Facility Submitters

Online Submission

Access a secure Internet site
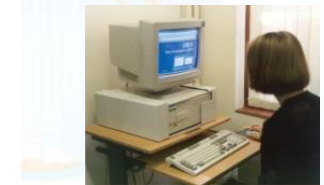
Conduct Updates Throughout Year.

Can print all forms.

•Notification

•Notification

Real-time Updates To Database

• Spatial Mapping of Hazmat Sites
• Tier II Info
• EHS Info
• MSDS
• Site Plan
• Emergency Response Plan

First Responders

SARA Planners/LEPC

• Search Facilities
• Manage Plans
• Vulnerability Reporting
• Compliance Views

MI DEQ/ State Police /SERC

• State-wide Facility Searches
• Reports Approval
• Planning Capabilities

Benefits

	Save Resources		Boosts Compliance
	Supports Responders	HS	Contributes to Homeland Security

Results	Benefits		
Significantly improved Data Quality from first use (bad data cleaned - removing double counting and wrong info)	💵	🧑‍🚒	📝
High business user adoption of the system from first year (67%-95%)	💵	📝	
100-1000s of hours saved in processing and sharing data ($$)	💵	📝	
Centralized Extremely Hazaradous Chemical reports help narrow most harmful chemical plants.	HS	🧑‍🚒	
Better equipped to respond to Right-to-Know and Freedom if Information act (FOIA) requests from citizens.	💵	📝	
Easier hazmat site tracking and compliance enforcement	💵	🧑‍🚒	📝
Enables better emergency planning for each site and response support	💵	🧑‍🚒	
Automated Invoicing can integrate with Online Billing	💵	📝	
Streamlined Data Sharing between State and Counties	💵	🧑‍🚒	📝
Rapid Notifications/ Flexible Reports	💵	🧑‍🚒	📝

Eliminate Data Collection

1. NO DATA ENTRY!

✓ **Facilities submit reports online. Reports are immediately available upon submission.**

Planning/Response Portal

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2. One Stop for hazmat resources

- ✓ **Most EHS by County/ Most EHS by Facility Reports**
- ✓ **Chemical/Facility/Location Searches**
- ✓ **Identify facilities with EHS > TPQ, DHS Chemicals of Interest**
- ✓ **Latest Chemical Inventories/ Locations/ Quantities**
- ✓ **Latest Chemical Risk Profiles, Safety Datasheets**
- ✓ **Latest Off Site Response Plans**
- ✓ **Set Vulnerability Zones for Most Probable and Worst Case Scenarios.**
- ✓ **Map the Sites to see the impact on Population and At-Risk Sites.**
- ✓ **Library that can be populated for your own county users.**
- ✓ **Exports to Tier2 Submit**
- ✓ **County manages Users in their own county.**

	7664382	PHOSPHORIC ACID		Non-EHS	Cameo Data Sheet / Chemical Profile / First Aid Guide	1/14/2007	99,000.00lbs 1 Location(s)
	68855549	SILICA (DIATOMACEOUS EARTH)		Non-EHS	Cameo Data Sheet / Chemical Profile / First Aid Guide	1/14/2007	96,000.00lbs 2 Location(s)
	1310732	SODIUM HYDROXIDE		Non-EHS	Cameo Data Sheet / Chemical Profile / First Aid Guide	1/14/2007	400,760.00lbs 4 Location(s)
	7664939	SULFURIC ACID		EHS	Cameo Data Sheet / Chemical Profile / First Aid Guide	1/14/2007	119,501.00lbs 3 Location(s)

Real time, immediate access

3. Critical chemical and plan information is available immediately anytime.

✓ **Online system provides rapid access to latest chemical reports, vulnerability analysis, SDS, and emergency plans.**

✓ **Can be accessed from anywhere by authorized users using a free internet browser.   Easily search locations, chemicals, contacts.**

Emergency Planning

4. Collaborative Emergency Response Planning

✓ **Immediate access to the approved plans for use by First Responders.**

✓ **LEPCs load plans. Plans are tracked along a workflow to the District Coordinator and then SERC.**

✓ **Look up who's approved the plan.**

✓ **Record exercise dates.**

Visibility

5. Shared compliance views

✓ **Counties can view which facilities reported and which did not, providing valuable knowledge for planning and compliance follow ups.**

No infrastructure!

6. No infrastructure costs!

✓ **No hardware, software, and IT professional hassles.**

✓ **Simple service, managed and maintained by the state.**
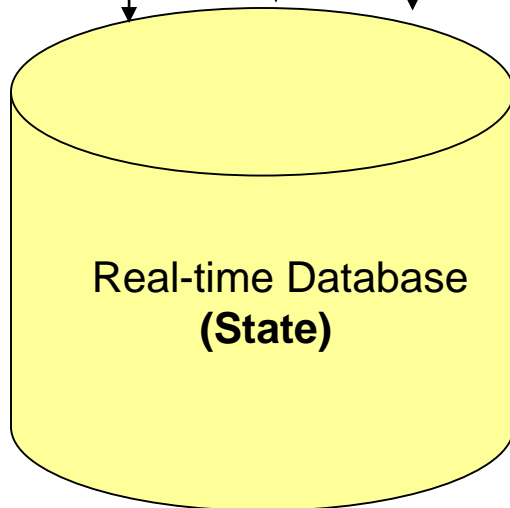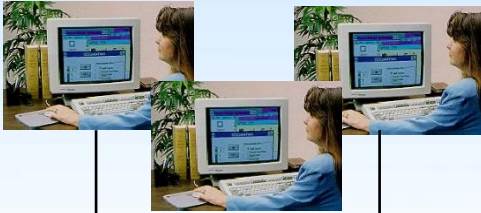
User Base Keeps Growing!

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7. 99% of MI businesses reporting online. More and more MI Counties joining everyday.

Some Users include:

Calhoun County, Ingham County, Kent County, Monroe County, Oakland County, Ottawa County, Saginaw County, Washtenaw County, Wayne County, City of Ann Arbor, City of Romulus, City of Wayne, City of Detroit, City of Grand Rapids…

Regional Views

Facility Submitters

County A

County B

County C

Real-time Database
(State)

7. Regional View capabilities for Regional Hazmat Teams or cross border mutual aid.

Material Safety Data Sheet Library

Material Safety Data Sheet

Acrylamide

ACC# 90858

Section 1 - Chemical Product and Company Identification

MSDS Name: Acrylamide
Catalog Numbers: BP170 100, BP170 5, BP170 500, BP170-100, BP170-5, BP170-500, BP170100, BP1705, BP170500, BP200, BP200-A, BP201, NC9517857, O1065 50, O1065500, O1066 100, O1066-100, O1066100
Synonyms: Acrylic amide; Ethylenecarboxamide; 2-Propenamide.
Company Identification:
 Fisher Scientific
 1 Reagent Lane
 Fair Lawn, NJ 07410
For information, call: 201-796-7100
Emergency Number: 201-796-7100
For CHEMTREC assistance, call: 800-424-9300
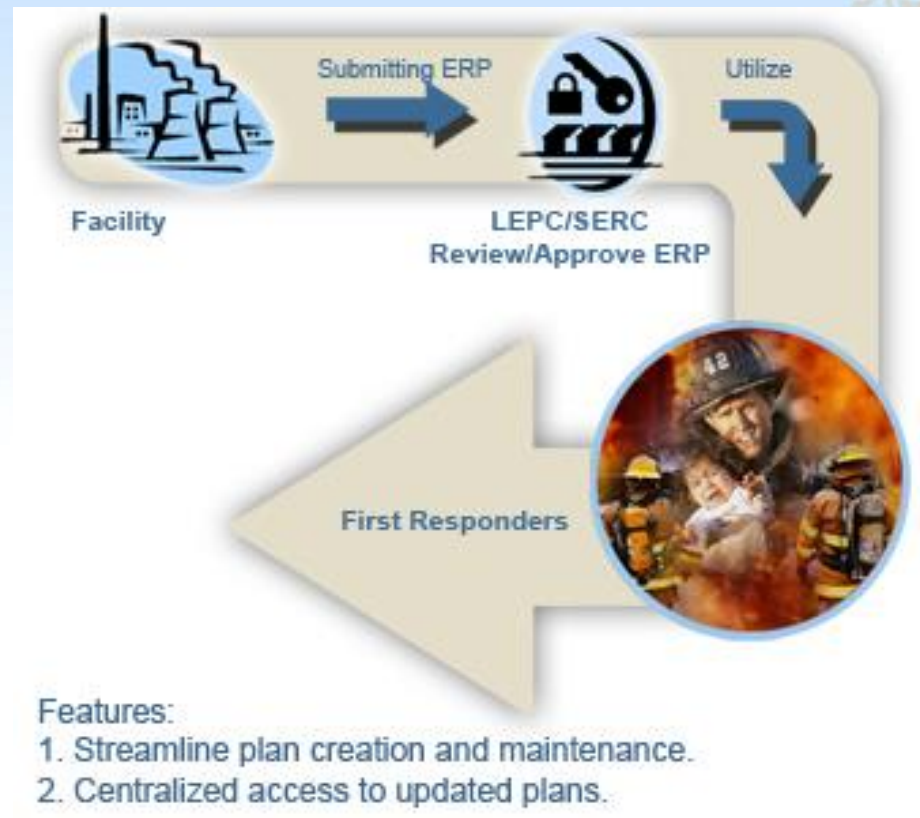**For International CHEMTREC assistance, call:** 703-527-3887

• Responders look up Material Safety Data Sheets (MSDS) from a MSDS database for protective information.

Businesses submit Emergency Planning Info

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- ❖ **LEPC upload Plans.**

- ❖ **Track them along the approval lifecycle.**

- ❖ **Immediate access to approved plans.**

Facility — Submitting ERP — LEPC/SERC Review/Approve ERP — Utilize

First Responders

Features:
1. Streamline plan creation and maintenance.
2. Centralized access to updated plans.

Advanced Search

❑ The Advanced Search Module enables users to generate self defined Reports.

❑ Results can be exported to Excel, XML

Learn More

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Request a demo or learn more at www.hazconnect.com