

The GHS:

***The Globally Harmonized System of
Classification and Labelling of
Chemicals***

Implications for WHMIS

***Abbey Klugerman, Head, Regulatory Affairs
National WHMIS Program
October 15, 2003***



Health
Canada

Santé
Canada

Canada

WHMIS

- **Canada's hazard communication standard**
 - ***Cautionary labelling of containers of WHMIS "controlled products"***
 - ***Material safety data sheets (MSDSs)***
 - ***Worker education and training programs***



WHMIS

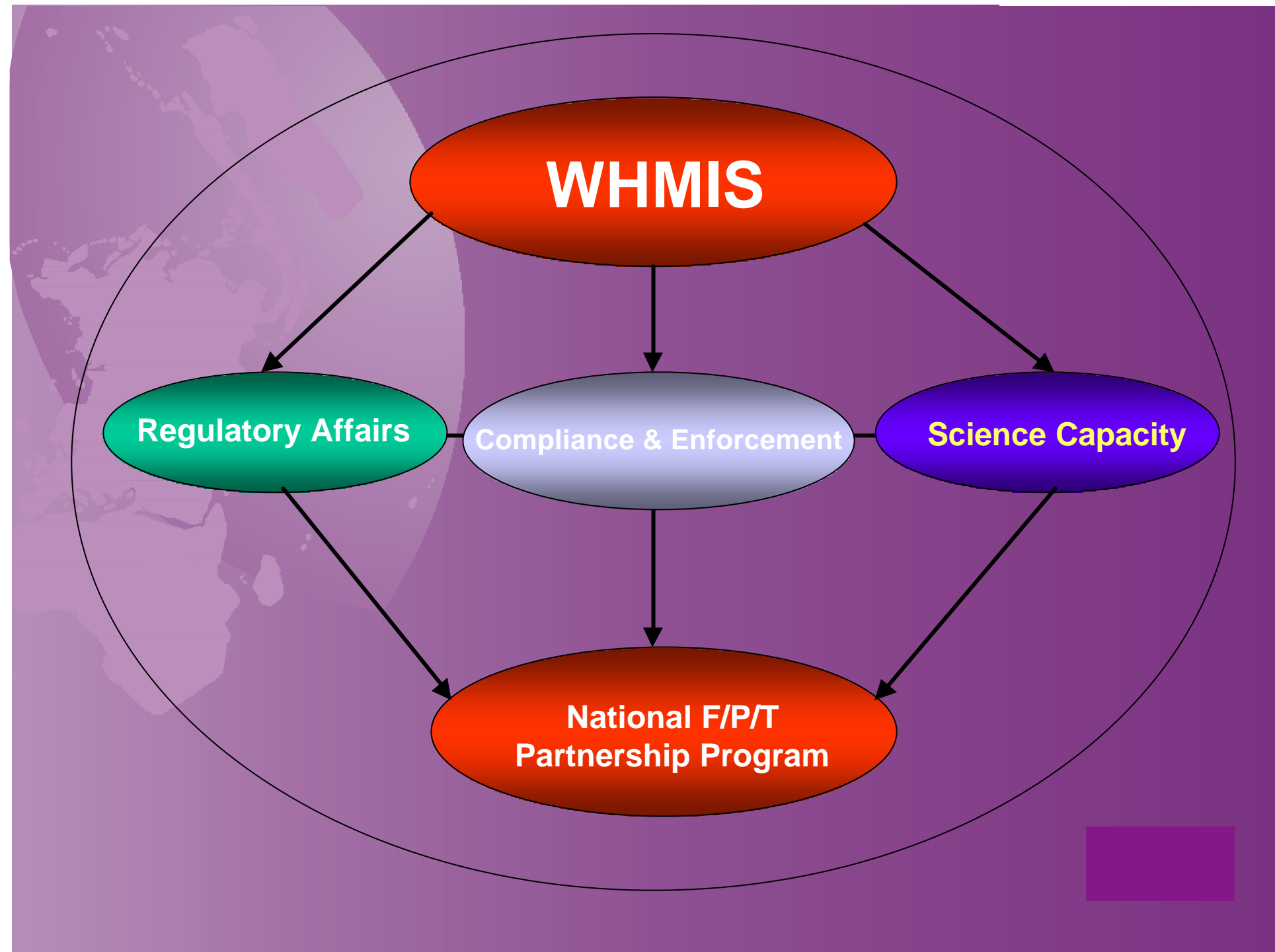
- **Supplier labelling and MSDS requirements under the *HPA* and *CPR***
- **Implemented through interlocking federal, provincial and territorial legislation**
- **Thirteen F/P/T agencies established employer WHMIS requirements within respective jurisdictions**
- **Minister-level MOUs with regulatory partners to conduct compliance program (~400 non-HC inspectors)**



SCOPE OF WHMIS

- **Greater than 20 million pure chemical substances assigned dedicated registry CAS (Chemical Abstract Service) number**
- **More than 750,000 chemical products marketed in Canada subject to “WHMIS” label and MSDS requirements**
- **Approximately 50% of chemical products originate from outside Canada**





GHS IMPACT ON WHMIS

- **Changes to existing classification criteria**
- **Changes to label elements:**
 - ***Hazard symbols***
 - ***Signal words***
 - ***Hazard statements***
 - ***WHMIS hatched border***
- **Changes to MSDSs**
 - ***From 9 to 16 headings***



LABEL REQUIREMENTS

WHMIS CPR	GHS
Product Identifier	Product Identifier
Supplier Identifier	Supplier Identifier
NA	Hazardous Ingredients
Hazard Pictogram	Hazard Pictogram
NA	Hazard Statement
NA	Signal Word
Precautionary Measures	Precautionary Information
Risk Phrases	NA
First Aid Statement	Part of Precautionary Statement
Hatched Border	No

MATERIAL SAFETY DATA SHEETS

- **Comprehensive hazard communication information**
- **Used by employers and workers**
- **Under GHS, all substances which meet harmonized criteria for hazards should have MSDS**
- **16 headings under the GHS**



16 HEADING SDS

- **Substance & supplier identification**
- **Hazard identification**
- **Composition/ ingredients**
- **First aid**
- **Fire-fighting measures**
- **Accidental release measures**
- **Handling and storage**
- **Exposure controls/personal protection**
- **Physical/chemical properties**
- **Stability/reactivity**
- **Toxicological information**
- **Ecological information**
- **Disposal**
- **Transport information**
- **Regulatory information**
- **Other**





WHMIS IMPLEMENTATION ISSUES FOR GHS

- **Classification related**
- **Label related**
- **MSDS related**
- **Employer related**
- **Trade secret related**
- **Application of the *HPA***
- **Transition**



NEXT STEPS

- **WHMIS multi-stakeholder Current Issues Committee**
 - * ***Non-regulatory issues***
 - * ***Administrative issues***
 - * ***Regulatory / legislative issues***
- **Regulatory amendments prepared as necessary**
- **Phase in (?)**
- **Implementation Complete**



WHMIS on the WWW

www.hc-sc.gc.ca/whmis



***Workplace Hazardous Materials
Information System (WHMIS)***

The GHS:

***The Globally Harmonized System of
Classification and Labelling of
Chemicals***

Implications for WHMIS

***Abbey Klugerman, Head, Regulatory Affairs
National WHMIS Program
October 15, 2003***

