

# Claigan Webinar - Chemical Labelling

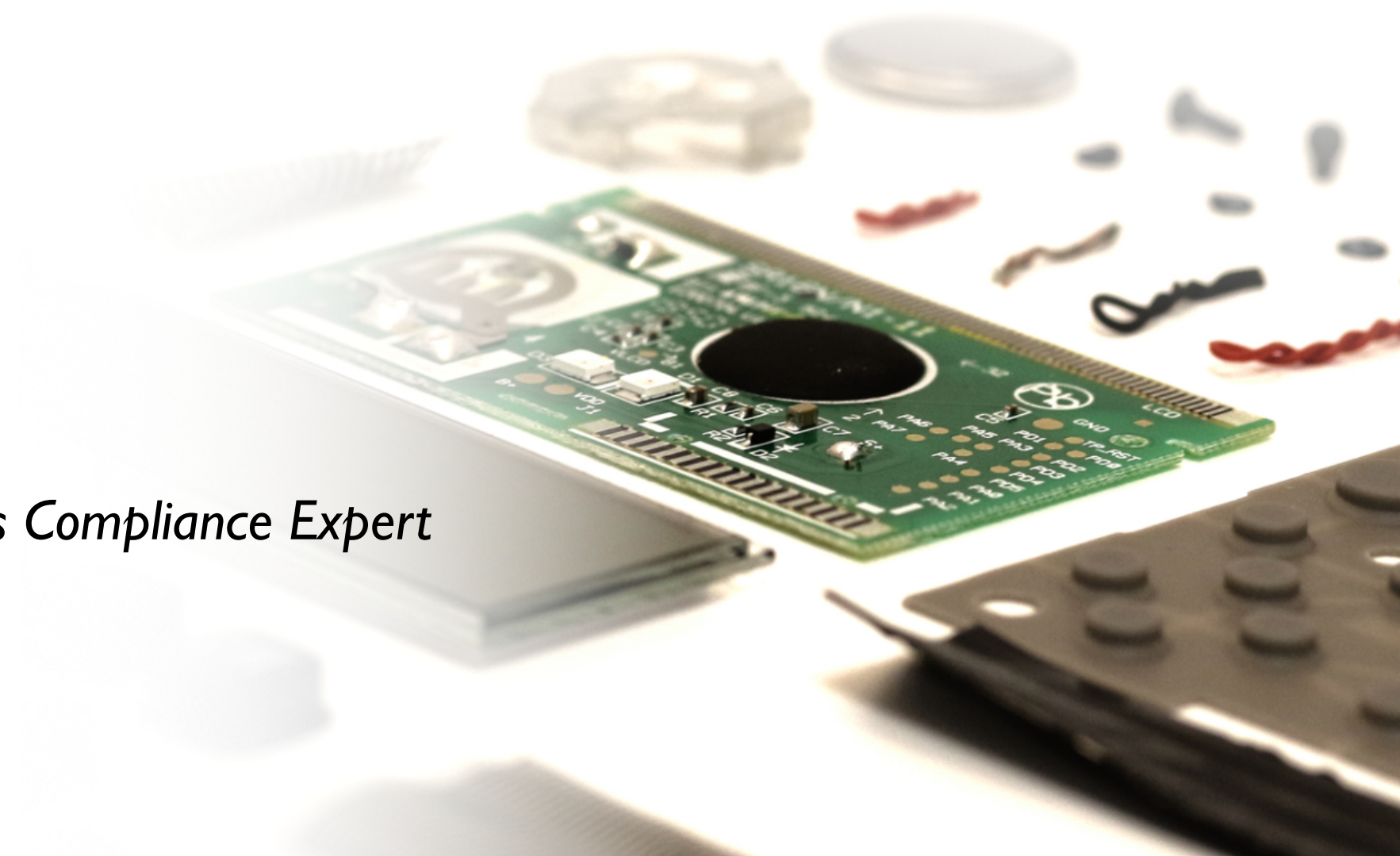
## *Canada, US, and EU*

Presented by:  
Bruce Calder  
VP Consulting

**and**

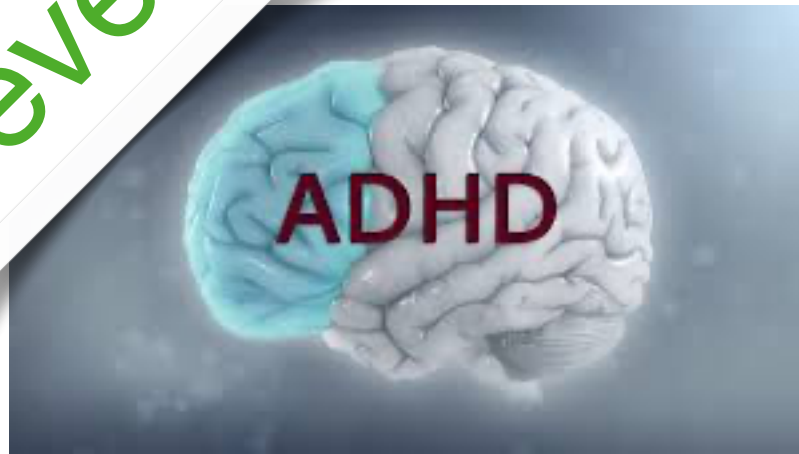
Craig Dicks  
Senior Chemicals Compliance Expert

July 16, 2025



# What does Claigan Environmental do?

Prevent



Prevent



Trace



TIN



TANTALUM



TUNGSTEN



GOLD

To the warlords  
in the Congo

Conflict Minerals

# Claigan Environmental

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Consulting



Testing

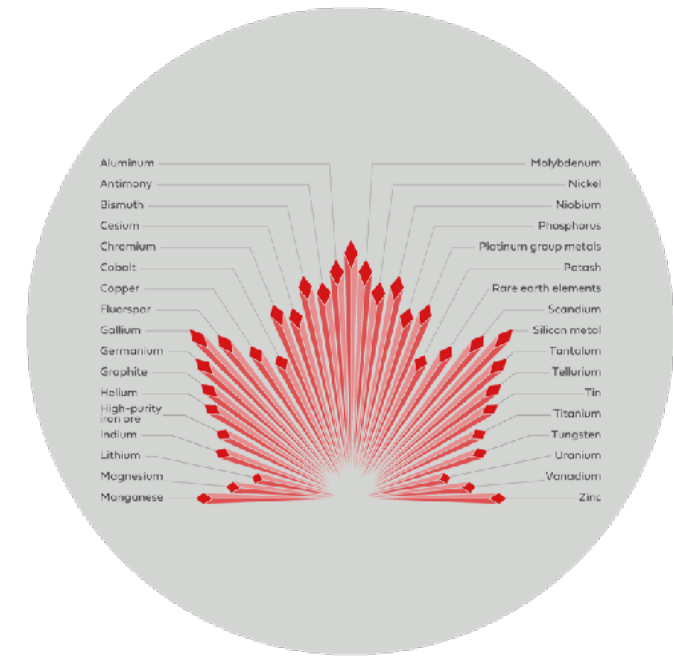


Reporting

# Claigan Environmental Additional Services



Chemical Labelling



Critical Minerals



LCA

# Overview - Agenda

- Canadian
  - Consumer
  - Industrial
- US
  - Consumer
  - Industrial
- EU
  - CLP
  - New updates
- Q&A





# Canada Labeling

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## 2 Main Regulations

### Consumer

- [Consumer Chemicals and Containers Regulation \(CCCR\)](#)

### Industrial

- [Hazardous Products Regulations \(HPR\)](#)

**VERY different requirements**



# Canada Labeling - Consumer

- Unique Pictograms



- 5 Hazard Categories
  - toxic, corrosive, flammable, quick skin bonding, pressurized containers
- Required on primary and outer packaging
  - If outer packaging sold to consumer
- Specific wording and placement requirements
  - Customer facing portion
  - First Aid statement - bold, all caps
- English and French mandatory
- Potential to align with USA consumer label





# Canada Labeling - Industrial

- Implements UN GHS Rev. 7
  - Pictograms, Hazard Statements, Precautionary Statements, etc
- 29 hazard categories - Physical, Health, Environment
- Label can be placed anywhere on primary container
  - Required on outer packaging if not visible
- English and French mandatory
- Mostly aligns with USA (but not EU)





# Canada Labeling - Example

## Product with Skin Corrosion

### Consumer



**DANGER**  
**CORROSIVE / CORROSIF**

**CAUSES BURNS.** Do not get on skin or clothing. Handle with care.  
Keep out of reach out children.  
Wear *[insert appropriate PPE]* when handling. **FIRST AID TREATMENT** Contains Sodium Hydroxide. If on skin, rinse well with water. If on clothes, remove clothes

### Industrial

40% Sodium Hydroxide  
CAS: 1310-73-2



**DANGER**

Causes severe skin burns and eye damage.  
+  
*All relevant precautionary statements*



# USA Labeling

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## 2 Main Regulations

### Consumer

- [Federal Hazardous Substances Act \(FHSA\)](#)

### Industrial

- [OSHA Hazard Communication Standard 1910.1200](#)

**Also VERY different requirements**



# USA Labeling - Consumer

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- I Pictogram - Highly Toxic - 
- 8 Hazard Categories
  - toxic, corrosive, sensitizer, flammable, combustible, radioactive, pressurized containers, aspiration
- Required on primary and outer packaging
  - If outer packaging sold to consumer
- Wording and placement requirements
  - Customer facing portion
  - Instructions to read cautions on back
  - Wording can vary as long as it conveys proper info
- English mandatory
- Potential to align with Canada consumer label





# USA Labeling - Industrial

- Implements UN GHS Rev. 7
  - Pictograms, Hazard Statements, Precautionary Statements, etc
- 29 hazard categories - Physical, Health, Environment
- Label can be placed anywhere on primary container
  - Required on outer packaging if not visible
- English mandatory
- Mostly aligns with Canada (but not EU)





# Canada / USA Labeling - Consumer vs Industrial

## Consumer

Standalone Regulation

5-8 hazard categories

Uses own pictograms, verbiage and placement rules



## Industrial

Aligned with GHS 7

29 hazard categories

Uses GHS pictograms, verbiage, and placement rules





# EU Labeling

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## I Regulation

Consumer + Industrial

- [CLP Regulation EC 1272/2008](#)
- Recent update with [Regulation EU 2024/2865](#)

**Same requirements for both!  
(mostly)**



# EU Labeling - Key Requirements

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- Uses GHS symbols, H and P phrases
- 31 hazard categories
  - Includes 3 new:
    - Endocrine Disruptors, PBT/vPvB, PMT/vPvM
    - Labeling required but no new pictograms
- Must be in official language(s) of EU Member State
  - Minimum 2 when multiple (ie. Belgium)
  - Multi-language or separate labels
- Small packaging exemptions
  - Reduced labeling, fold-out label, tie on tags





# EU Labeling - Recent Updates

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- EU Address on label
- ED, PBT, vPvB, PMT, vPvM substances listed on label
- Fold-out labels can be used on all products
- Font size and label accessibility
- Digital label (QR Code) option
  - Must contain all CLP label information
  - Free of charge
  - Access in 2 clicks or less
  - Available for 10 years
  - Accessible for vulnerable groups





# EU Labeling - Example

## 6 Elements of CLP Label

1. Product Identifier

**HAZARDOUS CHEMICAL NAME**  
CAS No. 12-234-56

2. Signal Word

**DANGER**

6. Hazard  
Pictograms

3. Hazard Statements

Flammable gas. Heating may cause a fire.  
Causes eye irritation.

4. Precautionary  
Statements

Store in a dry place. Protect from sunlight.  
Keep away from heat/open flames/hot surfaces.  
In case of fire: Evacuate area. Fight fire remotely  
due to risk of explosion. Read label before use.



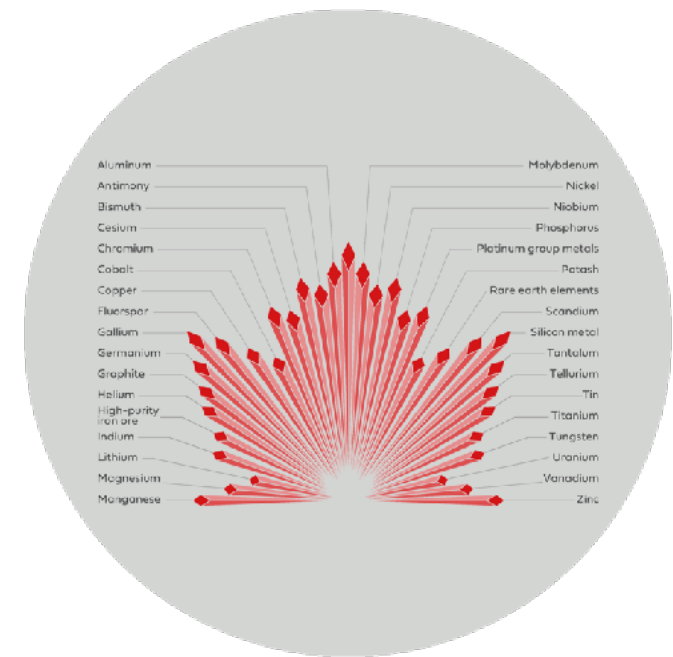
Company Name - 123 Chemical Blvd - Sanford, FL 32773 USA - [www.123chemicalcompany.com](http://www.123chemicalcompany.com) - 555-123-4321

5. Supplier Identification

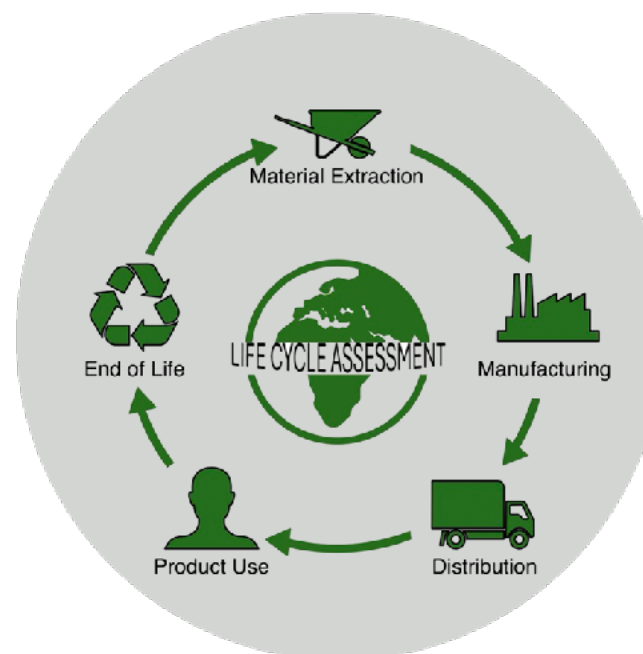
# Claigan Environmental Additional Services



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Q&A