Hazcom 4.3 is a program designed to facilitate the collection, retrieval and manipulation of regulated data required to produce chemical labels. While compliant with Canadian (WHMIS), American (OSHA) and European (CHIP) regulations, Hazcom 4.3 has been updated to comply with (GHS) Globally Harmonized System requirements.
Features and Benefits

- Intuitive regulatory interface minimizes training and increases efficiency.
- GHS Ready! ensures future compatibility.
- EU CHIP Risk & Safety Phrases in 13 languages
- WHMIS symbols, as well as Canadian, French, and Spanish safety phrases.
- User editable graphics, phrases, shipping description and chemical libraries.
- LAN compatible and supports multiple product databases
- Extensive Regulatory Graphics and Safety Library
- Multi-level profile-based security settings to safeguard regulatory data.
- Product and Library reports for management of database information.
- Customer features simplify customer specific and private labelling.
- Supports all laser, color laser and thermal transfer printers
Hazcom 4.3 Improvements

- Added GHS & European Symbols in color to support color laser printers.
- Includes 20 sample products classified under WHMIS and EU requirements.
- Now includes over 75 label formats to speed up implementation.
- Graphics Utility to for updating graphics.
- Re-designed Print Utility to minimize user errors when printing.
- Updated European Risk & Safety Phrases in 14 languages.
- Revised 1000 North American in English French and Spanish safety phrases.
- Added new Customer Product Report
- Improved Customer feature to simplify customer specific and private labelling.
Variable regulatory information from Hazcom's database can be added to a label format in seconds. Simply open the correct Component folder and "drag" the variable from the Components section of BarTender's toolbox onto a label design.
We created components for each field in Hazcom and organized them into related folders. Without the use of components it would be difficult to manage the approx 550 fields in the Hazcom database.

Shown below is an example of a component for **English Risk & Safety** text and a commonly used **Prompted field** collection.
Bartender® has a “pick from list” feature for prompted information that minimizes keying errors and increases consistency and speed of entering prompted information.
Simple VB Scripts can be added to formats fields to resolve and/or data handling. This example prints an “X” in the appropriate Personal Protection based on Personal Protection letter.

**Example of V Script**

The VB script below is associated with a variable in the “Safety Glasses” box. The script will put “X” in the Safety Glasses box if letter A, B, C, E, F, G is entered in the PP field.

```vbnet
If PPE = "A" OR PPE = "B" OR PPE = "C" OR PPE = "E" OR PPE = "F" OR PPE = "G" OR PPE = "I" Then Value = "X"
Else Value = ""
End If
```

Warning!
Flammable Liquid and vapor.

REFER TO SAFETY DATA SHEET
Multilingual Phrase Library
One of the most important features of any quality chemical labelling software is its ability to efficiently manage large libraries of phrases that are essential in producing chemical labels for international requirements. Hazcom 4.3 takes this capability to the next level.

Choosing phrases is easy!
Simply search by key words and "click" to add phrases for the current product. Phrases can be added, copied and modified without leaving this function.
**Hazcom - Phrases Libraries**

**Hazcom 4.3** can accommodate 13 phrase libraries and currently ships with approx 1000 North American English, French and Spanish phrases along with current EU Safety and risk phrases for languages listed below.

A **HazcomLite** version is available with North American and European English, French & Spanish languages.

<table>
<thead>
<tr>
<th>Language</th>
<th>Region</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>English</td>
<td>North American &amp; EU</td>
</tr>
<tr>
<td>2</td>
<td>French</td>
<td>North American &amp; EU</td>
</tr>
<tr>
<td>3</td>
<td>Spanish</td>
<td>North American &amp; EU</td>
</tr>
<tr>
<td>4</td>
<td>Danish</td>
<td>European</td>
</tr>
<tr>
<td>5</td>
<td>Dutch</td>
<td>European</td>
</tr>
<tr>
<td>6</td>
<td>Finnish</td>
<td>European</td>
</tr>
<tr>
<td>7</td>
<td>German</td>
<td>European</td>
</tr>
<tr>
<td>8</td>
<td>Italian</td>
<td>European</td>
</tr>
<tr>
<td>9</td>
<td>Portuguese</td>
<td>European</td>
</tr>
<tr>
<td>10</td>
<td>Norwegian</td>
<td>European</td>
</tr>
<tr>
<td>11</td>
<td>Polish</td>
<td>European</td>
</tr>
<tr>
<td>12</td>
<td>Russian</td>
<td>European</td>
</tr>
<tr>
<td>13</td>
<td>Greek</td>
<td>European</td>
</tr>
</tbody>
</table>

**ILO website**
Special characters like @ é è © ® £ ¼ ½ ¾ can be added to any field within Hazcom by using our improved Special Character feature found under the Hazcom Help dropdown.

First step is to copy/paste special characters from Windows Character map that can be found under Accessories / System Tools. Choose Arial font and Windows Western Character set be used.

Second Step – Highlight special character a copy it than move your cursor to the insertion point and paste.
The Customer feature allows you to associate (or link) products to a customer that require its information to appear on the customer labels. Once a product is linked, the customer label information can be entered into five fields: **Customer Product Code**, **Customer Product Name**, **Customer Product Description** and two **Memo Fields**. 

Enter Customer Product Information here.
The main focus in designing the Print Utility was ease of use and minimizing operator errors when managing a large number of products and formats. The operator simply chooses the appropriate View and uses the search and/or filters to locate the product record that will be printed.

The “All Products” view is used when printing labels that contain no customer information.

The “All Products Customer” view is selected when labels contain customer specific information.

We selected the product ‘Acetone’ that was related/linked to ICC - The Compliance Center to print.
Bartender® formats are stored in a directory structure of your choosing. How you organize those folders is determined by your company’s unique requirements. The main goal is to organize formats in a manner that is logical for the end user to quickly find the correct format to print.

The directory location can be changed to your LAN to ensure the formats are backed up and can be shared by other users.

Select Format to print and preview in shown to the right.
Hazcom is able to produce various reports on product, customer and library data. Reporting capabilities provide an important management tool that is essential in managing and controlling large amounts of database information.
The default User Name is **administrator** and Password is **comply**

**Security Levels**

**Administrator**
Full Access to everything

**Level 1**
Full Authorization excluding access to Hazcom Options.

**Level 2**
Add, Edit, Delete and Print Utility

**Level 3**
View and Print Only
Hazcom contains dedicated fields required for regulatory and safety information. We have also included 23 user defined fields that can be customized to accommodate specific customer information.

In the example below we added user definable fields for **Net Weight**, **Container**, **Mil Spec #** and **Special Shipping note**.
The initial Hazcom setup comes with a sample database names Demo.mdb. The default file locations show the current location for your Database, Formats and the path to the Bartender® software.

A back-up copy of your database should be stored on your network for access by other Hazcom users on your LAN.

Before creating your new database, please refer to Compacting Database Information.
Hazcom – Graphic Management

Regulatory **graphics can be added and/or modified** as required by changes in regulations. In the example below, the new Organic Peroxide label has been added as required by 49 CFR and TDG with an effective date of on January 1, 2011.

**Filters:**
1. **ALL**
2. **EU** - EU Symbols – Color & BW
3. **HMIS** – Personal Protection Pictograms
4. **Hazcom** – Do Not Weld, misc.
5. **Shipping** – DOT / TDG Labels
6. **WHMIS** - WHMIS & GHS Symbols

**Graphics File Location**
Here is a partial list of high quality graphics that are included with your purchase of any version of Hazcom. The EU and GHS hazard symbols are available in black/white and color for monochrome and color printing.

- DOT / TDG Symbols
- PPE Symbols
- AME Symbols
- WHMIS Symbols
- EU Symbols
- PACE Symbols
- GHS Symbols
- ANSI Headers
The following slides contain sample labels designed and printed using our system on monochrome laser, color laser and Thermal transfer printers.

Printed and high resolution pdf sample labels are available by contacting your local branch office or Dan Albert – System Sales Director 905-890-7231
dalbert@thecompliancecenter.com
TOLUENE

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

DANGER
Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. Causes damage to central nervous system if inhaled. Causes damage to central nervous system, liver and kidneys through prolonged or repeated exposure. May damage fertility or the unborn child. Harmful if inhaled. May be harmful if swallowed. Causes skin irritation. May cause respiratory irritation. May cause drowsiness and dizziness. Toxic to aquatic life.

Keep away from heat, sparks and flame – No smoking. Take precautionary measures against static discharge. Ground/bond container and receiving equipment. Use only non-sparking tools. Do not breathe vapours. Wear protective gloves and eye/face protection. Use only in a well-ventilated area. Keep container closed when not in use. Store in a cool, well-ventilated place away from heat and ignition sources. Store locked up in a closed container.

IN CASE OF FIRE: Use carbon dioxide, dry chemicals or appropriate foam.

FIRST AID
If SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. IF ON SKIN: Remove/ take off immediately all contaminated clothing. Wash with plenty of soap and water. Get medical advice/attention. IF INHALED: Call a POISON CENTER or doctor/physician.

REFER TO MATERIAL SAFETY DATA SHEET / CONSULTER LA FICHE SIGNALETIQUE

| THE COMPLIANCE CENTER: NIAGARA FALLS | HOUSTON | MISSISSAUGA | DORVAL | QUEBEC |
| NEW YORK | TEXAS | ONTARIO | QUEBEC |

| CODE: 123145 | LOT #: 155 KGS | NET WEIGHT: | DEPOSIT: $50.00 |
European – Color Laser

PHOSPHORIC ACID 80% Phosphorsäure 80%

EC #: 231-633-2

R54 Causes burns.
R55 Avoid contact with eyes.
R53 Do not breathe vapors, aerosols.
R59[57/60] Wear suitable protective clothing, gloves and eyewash protection.
R45 In case of accidental contact with eyes, wash immediately with plenty of water and seek medical advice.
R60 This material and its container must be disposed of as hazardous waste.

Corrosive / atzend

PHOSPHORIC ACID 80% Phosphorsäure 80%

EC #: 231-633-2

R54 Causes burns.
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R60 This material and its container must be disposed of as hazardous waste.

Corrosive / atzend
Label – Trilingual

Sodium Hydroxide
FOR INDUSTRIAL USE ONLY / POUR USAGE INDUSTRIEL SEULEMENT

SAFETY DATA SHEET

SODIUM HYDROXIDE, SOLID UN1823
(CAS # 1310-73-2)

FOR CHEMICAL EMERGENCY
CALL CHEMTREC DAY OR NIGHT
1-800-424-9300 / +1-703-527-3887

REVIEW MATERIAL SAFETY DATA SHEET / CONSULTER LA FICHE SIGNALETIQUE

<table>
<thead>
<tr>
<th>NIAGARA FALLS</th>
<th>HOUSTON</th>
<th>MISSISSAUGA</th>
<th>DORVAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW YORK</td>
<td>TEXAS</td>
<td>ONTARIO</td>
<td>QUEBEC</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BOLT</th>
<th>INVENTORY NO.</th>
<th>LOT #</th>
<th>NET WIGHT</th>
<th>ENDUSE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>November 06, 2008</td>
<td>123145</td>
<td>155 KGS</td>
<td>$50.00</td>
</tr>
</tbody>
</table>

WARNING:

READ AND UNDERSTAND SAFETY DATA SHEET. ORDERED TO PACKAGE IN COMPLIANCE WITH THE HAZARDOUS MATERIALS REGULATIONS.

HAZARDOUS MATERIALS REGULATIONS SPECIALISTS

The Compliance Center Incorporated
Since 1987
Methyl Ethyl Ketone

**European / WHMIS Label**

**European Labeling**

**English:**
- Extremely flammable.
- Irritating to eyes and respiratory system.
- Repeated exposure may cause skin dryness or cracking.
- Keep out of reach of children.
- Use in a well-ventilated area.

**French:**
- Extremement inflammable.
- Irritant pour les yeux et les voies respiratoires.
- Les expositions répétées peuvent causer la sécheresse de la peau ou les fissures.
- Gardez hors de la portée des enfants.
- Utilisez dans un endroit bien ventilé.

**German:**
- Sehr entzündlich.
- Reizt die Augen und die Atemwege.
- Wiederholte Exposition kann zu Hautreizungen führen.
- Kindern fernhalten.
- In gut belüfteten Räumen verwenden.

**Spanish:**
- Muy inflamable.
- Irritante para los ojos y el sistema respiratorio.
- La exposición repetida puede causar sequedad o formación de fisuras en la piel.
- Manténgase lejos del alcance de los niños.
- Utilícelo en un lugar bien ventilado.

**PRECAUTIONS:**
- Use in a well-ventilated area. Wear appropriate protective equipment and clothing. Avoid contact with skin and eyes. Do not expose to high concentrations of vapours.
- Equipment must be grounded. Store in a cool, dry, well-ventilated area, away from heat and ignition sources.

**FIRST AID:**
- If inhaled, remove from contaminated atmosphere. If discomfort occurs and persists, obtain medical attention. For skin contact, wash with soap and water while wearing rubber gloves. If irritation persists, consult a physician. For eye contact, flush with running water for at least 15 minutes. Seek medical attention. If ingested, do not induce vomiting. Seek medical attention immediately. Refer to Material Safety Data Sheet for further information.

**REFER TO MATERIAL SAFETY DATA SHEET / CONSULTER LA FICHE SIGNALETICALE**

**The Compliance Center Inc.**
205 Matheson Blvd East, Mississauga, Ontario, Canada, L4L 1X8

**CODE:** MET001-8 EU  
**LOT #:** 1231  
**NET WEIGHT:** 50 kg  
**DEPOSIT:** $55

**METHYL ETHYL KETONE**
**UN1193**
Shown below are examples of labels that must be applied by PPG supplier to container of chemicals being shipped to PPG facilities. All fields on these formats are prompted, but they could be setup to pull information from the Customer Product database.

**Prompt Dialog**

**NPCA / SHIS Label**

- Identifier: RCC-9979
- Health: 2
- Flammability: 3
- Reactivity: 0
- Protection: F
- P.O.: (400) 12345
- CONTAINER: (90) DRUM
- CUST PART #: (241) RCC-9979
- LOT #: (10) 123456789
- GROSS: 55.1, TARE: 55.1
- MANUF. ID: 0000000

**PPG Automotive Coatings**

**RCC-9979**

**PPG SAFETY AND HEALTH INDEX SYSTEM**

- HEALTH: 2
- FLAMMABILITY: 3
- REACTIVITY: 0
- PERSONAL PROTECTION: F

**PURCHASE ORDER #**

- (400) 12345

**CONT TYPE**

- (10) DRUM

**CUSTOMER PART #**

- (241) RCC-9979

**LOT #**

- (10) 123456789

**GROSS WEIGHT (LB)**

- 55.1

**TARE WEIGHT (LB)**

- 55.1

**SERIAL SHIP CODE**

- 000567465320000003
Hazardous Waste Label

This is an example of the print preview and prompt screen for California waste label. This example is getting the information from prompted fields. The format can also be created to pull information from Hazcom or other data sources.
The GHS (Globally Harmonized System) for classification and identification of hazards is coming, and ICC The Compliance Center is prepared. Our unique GHMIS system for identifying workplace hazards incorporates both the classic “HMI-ES” colour-coded system, as well as the new warnings required under upcoming changes for GHS.

<table>
<thead>
<tr>
<th>PRODUCT IDENTIFIER</th>
<th>TOLUENE</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEALTH</td>
<td>2</td>
</tr>
<tr>
<td>FLAMMABILITY</td>
<td>3</td>
</tr>
<tr>
<td>REACTIVITY</td>
<td>0</td>
</tr>
<tr>
<td>PERSONAL PROTECTION</td>
<td>J</td>
</tr>
</tbody>
</table>

**Warning!**
Flammable Liquid and vapor.

Refer to safety data sheet.
Thank you for your interest in our labeling software!

If you require additional information, sample labels or a live demonstration please contact

Dan Albert – System Sales Director
905-890-7231

dalbert@thecompliancecenter.com