GHS: Understanding the Label

GHS Training Module 3
Disclaimer:
This program provides guidance and useful information for qualified personnel conducting employee training. It is up to the user of this information to determine the suitability of these training materials for their specific operations. This program is not designed to be self directed. It should always be led by someone that has demonstrated knowledge in GHS and the associated requirements mandated by OSHA. Multi-Clean does not make any claims express or implied that this training alone is suitable for training of employees or meets all training requirements. It is up to the user of these training materials to make this determination.
Standard Label Elements

- Product identifier
- Supplier identification
- Signal word
- Hazard pictogram(s)
- Hazard statement(s)
- Precautionary statements
A Note about Label Elements

- Many non-hazardous products will NOT have a Signal Word or Pictogram. Only those products that meet the specific hazard criteria will include a Signal word or Pictogram.

- Most if not all third party “green certified” products will not contain a pictogram or signal word.
GHS labels appear on Multi-Clean products of every size:
- One Gallon
- One Quart
- 2 Liter
- 5 gallon
- 55 gallon

Content is the same.
This section includes the product name and part number. This product identifier is identical to the product identifier on the SDS.
Supplier Identification

Includes name, address, and phone number of the manufacturer/supplier when contact is needed.

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Phone 651-481-1900
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Hazard Pictogram & Signal Word

The pictogram and signal word are intended to relay specific hazard information in a quick and easy manner. There will only be one signal word on the label regardless of how many hazards a product may have.
Signal Word

- Corresponds with hazard pictogram
- Danger: more severe hazards
- Warning: less severe hazards
- One pictogram may have either signal word depending on severity of hazard
## Hazard Pictograms

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Flame</th>
<th>Exclamation Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogen</td>
<td>Flammables</td>
<td>Irritant (skin and eye)</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>Pyrophorics</td>
<td>Skin Sensitizer</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Self-Heating</td>
<td>Acute Toxicity</td>
</tr>
<tr>
<td>Respiratory Sensitizer</td>
<td>Emits Flammable Gas</td>
<td>Narcotic Effects</td>
</tr>
<tr>
<td>Target Organ Toxicity</td>
<td>Self-Reactives</td>
<td>Respiratory Tract Irritant</td>
</tr>
<tr>
<td>Aspiration Toxicity</td>
<td>Organic Peroxides</td>
<td>Hazardous to Ozone Layer (Non-Mandatory)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gas Cylinder</th>
<th>Corrosion</th>
<th>Exploding Bomb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gases Under Pressure</td>
<td>Skin Corrosion/Burns</td>
<td>Explosives</td>
</tr>
<tr>
<td></td>
<td>Eye Damage</td>
<td>Self-Reactives</td>
</tr>
<tr>
<td></td>
<td>Corrosive to Metals</td>
<td>Organic Peroxides</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flame Over Circle</th>
<th>Environment (Non-Mandatory)</th>
<th>Skull and Crossbones</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxidizers</td>
<td>Aquatic Toxicity</td>
<td>Acute Toxicity (fatal or toxic)</td>
</tr>
</tbody>
</table>
Hazard Pictograms

- **Health Hazard**
  - Carcinogen
  - Mutagenicity
  - Reproductive Toxicity
  - Respiratory Sensitizer
  - Target Organ Toxicity
  - Aspiration Toxicity

- **Flame**
  - Flammables
  - Pyrophorics
  - Self-Heating
  - Emits Flammable Gas
  - Self-Reactives
  - Organic Peroxides

- **Exclamation Mark**
  - Irritant (skin and eye)
  - Skin Sensitizer
  - Acute Toxicity
  - Narcotic Effects
  - Respiratory Tract Irritant
  - Hazardous to Ozone Layer (Non-Mandatory)

- **Gas Cylinder**
  - Gases Under Pressure

- **Corrosion**
  - Skin Corrosion/Burns
  - Eye Damage
  - Corrosive to Metals

- **Exploding Bomb**
  - Explosives
  - Self-Reactives
  - Organic Peroxides

- **Flame Over Circle**
  - Oxidizers

- **Environment** (Non-Mandatory)
  - Aquatic Toxicity

- **Skull and Crossbones**
  - Acute Toxicity (fatal or toxic)
Hazard Statements

Hazard statements are statements that provide specific details about the nature and degree of the hazard.
Hazard statements on the label are identical to the hazard statements on the product’s SDS.
Precautionary Statements

Precautionary statements supplement the hazard statements by briefly providing measures to be taken to minimize or prevent adverse effects from physical, health or environmental hazards.
Like hazard statements, precautionary statements on the label are identical to the SDS.
Other Label Elements not specified by GHS

- HMIS rating
- Direction for use
- Barcode
Citrus Assault
Citrus Based
All Purpose Degreaser
Natural d-Limonene
Economical
Dilutable
USDA C-1
Net Contents 1 US Gallons (3.78L)

HMIS Rating

<table>
<thead>
<tr>
<th>Health</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazards</td>
<td>0</td>
</tr>
</tbody>
</table>
**Directions for use**

**CITRUS ASSAULT** is a concentrated, multi-use cleaner/degreaser used to effectively clean dirt and oils from a variety of surfaces. Use on walls, cabinets, equipment, concrete floors and a variety of other surfaces. Not for use on finished tile or terrazzo floors. **CANADA:** For food plant and other industrial use. Avoid contamination of food in the application and storage of the product. Do not use on food contact surfaces. Meets USDA performance Standards for C-1 type products.

**DIRECTIONS:**
2. Apply with an automatic scrubber, pressure washer, mop, pump-up sprayer, sponge, etc. Rubber gloves should be used when cleaning by hand.
3. Allow sufficient time for solution to attack grease or oil.
4. Use only on surfaces resistant to alkaline cleaners. Floor finish and other sensitive surfaces may be adversely affected.
For SDS information on all Multi-Clean products, please visit www.multi-clean.com

This completes Module 3