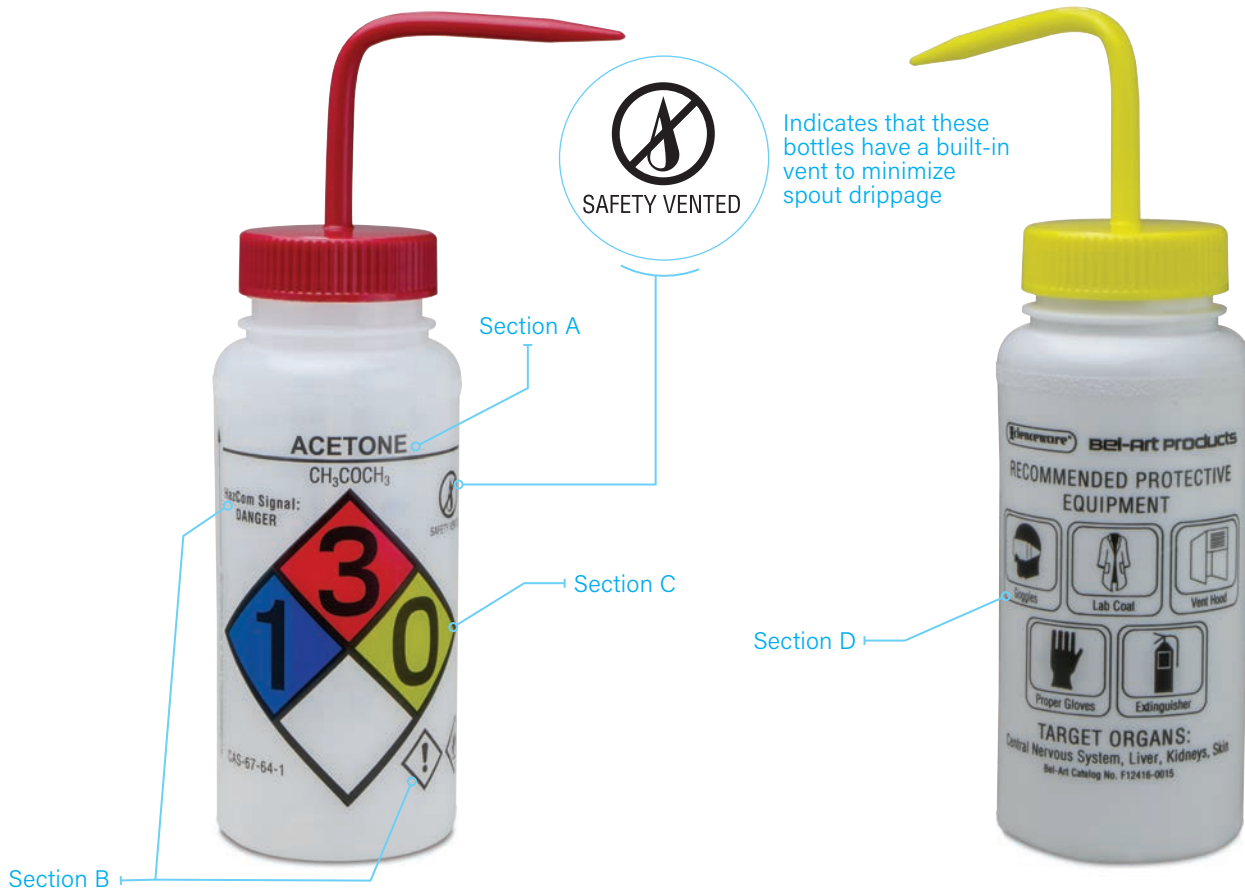


## Right-to-Know, Safety-Vented Wash Bottles with GHS Labeling



Meets Requirements of GHS and OSHA HAZCOM 29 CFR 1910.1200










# Scienceware® Right-To-Know, Safety-Vented™ Wash Bottles with GHS Labeling



## Section A: Chemical Identification

The name of the chemical, ICS (International Chemical Society) formula, U.S. DOT, OSHA, and CAS (Chemical Abstract Service) reference number are clearly identified.

## Section B: GHS Pictograms and Meanings

- |   |   |   |
|---|---|---|
|  <p><b>Explosion Bomb:</b><br/>This chemical can blow up.</p>   |  <p><b>Flame Over Circle:</b><br/>Oxidizing chemicals can react with other materials causing them to burn or explode.</p>                |  <p><b>Health Hazard:</b><br/>Prolonged exposure to this chemical may cause health problems such as cancer or birth defects. Some chemicals may cause asthma or damage to specific organs of the body.</p> |
|  <p><b>Flame:</b><br/>Flammable chemicals can catch fire easily and burst into flames.</p>  |  <p><b>Skull and Crossbones:</b><br/>Exposure to this chemical can cause immediate and possibly serious health problems.</p>             |  <p><b>Exclamation Mark:</b><br/>This chemical may cause immediate health effects such as skin rashes or respiratory irritation. Some chemicals may damage the ozone layer.</p>                            |
|  <p><b>Corrosion:</b><br/>Corrosive chemicals can cause serious damage to skin and eyes. They can also damage clothing, metal, and work surfaces.</p> |  <p><b>Environment:</b><br/>This chemical can kill fish and other life that live in the water.<br/>(Optional under OSHA HazCom 2012)</p> |   |
|  <p><b>Gas Cylinder:</b><br/>This chemical can explode, rocket, or harm health if the cylinder is heated, ruptured, or leaking.</p>                   | <p><b>Signal Word:</b><br/>The signal word (Danger or Hazard) is used to alert the user to potential hazard and is determined by the hazard class and category of the chemical.</p>   |   |

## Section C: Fire Hazards

The diamond indicates U.S. standard NFPA (National Fire Protection Association) codes that rank hazards according to the chemical's reactivity to the presence of fire. The red, yellow, and blue diamonds use a rating scale of 0 to 4, with 4 representing the greatest hazard and 0 the least. The bottom diamond contains special pictograms as needed.

### Top Diamond (Red): Fire Hazard and Flash Point

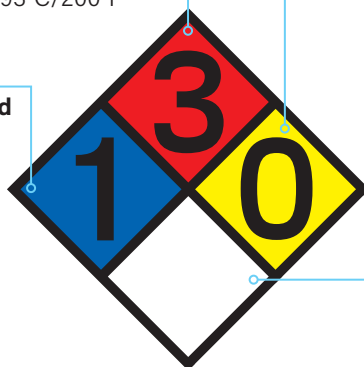
- 4 - Very flammable; Below 21°C/70°F
- 3 - Ignites under normal temperature conditions; Below 38°C/100°F
- 2 - Ignites with moderate heating; Below 93°C/200°F
- 1 - Ignites when preheated; Above 93°C/200°F
- 0 - Will not ignite (Non-flammable)

### Right-hand Diamond (Yellow): Reactivity

- 4 - Explosive
- 3 - Shock and heat may detonate
- 2 - Violent change may occur
- 1 - Unstable if heated
- 0 - Normally stable

### Left-hand Diamond (Blue): Health Hazard

- 4 - Deadly
- 3 - Extremely Hazardous
- 2 - Hazardous
- 1 - Slightly Hazardous
- 0 - Normal Material



### Bottom Diamond (Uncolored/White): Specific Hazard

- OXY - Oxidizer
- ACID - Acid
- ALK - Alkali
- COR - Corrosive
- W - Water Reactive, use NO WATER
- ☢ - Radiation Hazard

## Section D: Target Organs, Effects and Route of Entry

Additional information required by OSHA Hazard Communication Standard.

**Appropriate Target Organs and Effects labels:** Lungs; heart; kidney; eyes; skin; prostate; blood; liver; central nervous system; cardiovascular system; mucous membranes; autonomic nervous system; respiratory system.

**Recommended Protective Equipment:** Goggles; shield; lab coat; vent hood; proper gloves; extinguisher.

## Right-To-Know, Safety-Vented™ Wash Bottles with GHS Labeling

Catalog No.	Label	Capacity	Cap Color	Bottles Per Pack
F12416-0001	Acetone	500ml	Red	4
F12416-0002	Dichloromethane	500ml	Yellow	4
F12416-0003	Deionized Water*	500ml	Blue	4
F12416-0004	Distilled Water*	500ml	Blue	4
F12416-0007	Ethyl Acetate	500ml	Green	4
F12416-0008	Isopropanol	500ml	Yellow	4
F12416-0010	Machine Oil	500ml	Natural	4
F12416-0011	Methanol	500ml	Green	4
F12416-0012	Methyl Ethyl Ketone**	500ml	Green	4
F12416-0013	Isotonic Saline*	500ml	Natural	4
F12416-0015	Sodium Hypochlorite (Bleach)	500ml	Yellow	4
F12416-0016	Toluene**	500ml	Red	4
F12416-0017	Water*	500ml	Blue	4
F12416-0019	Ethanol	500ml	Natural	4
F12416-0050	Assortment (4pc)	500ml	-	4
F12432-0001	Acetone	1000ml	Red	2
F12432-0004	Distilled Water*	1000ml	Blue	2
F12432-0008	Isopropanol	1000ml	Yellow	2
F12432-0011	Methanol	1000ml	Green	2
F12432-0015	Sodium Hypochlorite (Bleach)	1000ml	Yellow	2
F12432-0019	Ethanol	1000ml	Natural	2
F12432-0050	Assortment (4pc)	1000ml	-	4

Assortment includes one each: Acetone, Isopropanol, Bleach, and Ethanol

\*Bottles with labels that do not indicate a hazardous chemical do not have/require GHS pictogram or signal word

\*\*Methyl Ethyl Ketone and Toluene do not include vented valve

Cross reference to current 2- and 4-color wash bottles listed on back page of this flyer

## Cross Reference - GHS to Current 2- and 4-Color Wash Bottles

Chemical	Bottle Size (ml)	NEW With GHS Labeling Vented	4-Color Safety-Labeled Non-Vented	4-Color Safety-Labeled Vented	2-Color Safety-Labeled Non-Vented	2-Color Safety-Labeled Vented
Acetone	250	N/A	N/A	F11808-0001	N/A	F11643-0222
Distilled Water	250	N/A	N/A	F11808-0004	N/A	N/A
Ethanol	250	N/A	N/A	F11808-0019	N/A	F11643-0239
Isopropanol	250	N/A	N/A	F11808-0008	N/A	F11643-0224
Label Your Own (LYOB)	250	N/A	N/A	F11808-0009	N/A	F11643-0238
Methanol	250	N/A	N/A	F11808-0011	N/A	F11643-0223
Bleach	250	N/A	N/A	F11808-0015	N/A	N/A
Assorted	250	N/A	N/A	F11808-0050	N/A	N/A
Acetone	500	<b>F12416-0001</b>	F11716-0001	F11816-0001	F11646-0622	F11642-0622
Dichloromethane	500	<b>F12416-0002</b>	F11716-0002	N/A	F11646-6250	N/A
Deionized Water	500	<b>F12416-0003</b>	F11716-0003	N/A	F11646-0631	N/A
Distilled Water	500	<b>F12416-0004</b>	F11716-0004	F11816-0004	F11646-0620	N/A
Ethyl Acetate	500	<b>F12416-0007</b>	F11716-0007	F11816-0007	F11646-0612	F11642-0612
Isopropanol	500	<b>F12416-0008</b>	F11716-0008	F11816-0008	F11646-0624	F11642-0624
Label Your Own (LYOB)	500	N/A	F11716-0009	F11816-0009	F11646-0638	F11642-0638
Machine Oil	500	<b>F12416-0010</b>	F11716-0010	N/A	F11646-0459	N/A
Methanol	500	<b>F12416-0011</b>	F11716-0011	F11816-0011	F11646-0623	F11642-0623
Methyl Ethyl Ketone	500	<b>F12416-0012</b>	F11716-0012	N/A	F11646-0611	N/A
Saline	500	<b>F12416-0013</b>	F11716-0013	N/A	F11646-0617	N/A
Soap	500	N/A	F11716-0014	N/A	F11646-0614	N/A
Bleach	500	<b>F12416-0015</b>	F11716-0015	F11816-0015	F11646-0627	N/A
Toluene	500	<b>F12416-0016</b>	F11716-0016	N/A	F11646-0628	N/A
Water	500	<b>F12416-0017</b>	F11716-0017	N/A	F11646-0621	N/A
Ethanol	500	<b>F12416-0019</b>	F11716-0019	F11816-0019	F11646-0639	F11642-0639
Ethanol, 70%	500	N/A	F11716-0020	N/A	F11646-0640	N/A
Assorted	500	<b>F12416-0050</b>	F11716-0050	F11816-0050	F11646-0050	N/A
Acetone	1000	<b>F12432-0001</b>	F11732-0001	F11832-0001	F11646-2232	N/A
Distilled Water	1000	<b>F12432-0004</b>	F11732-0004	F11832-0004	F11646-6032	N/A
Isopropanol	1000	<b>F12432-0008</b>	F11732-0008	F11832-0008	F11646-2432	N/A
Label Your Own (LYOB)	1000	N/A	F11732-0009	F11832-0009	F11646-3832	N/A
Methanol	1000	<b>F12432-0011</b>	F11732-0011	F11832-0011	N/A	N/A
Methyl Ethyl Ketone	1000	N/A	N/A	N/A	F11646-1132	N/A
Bleach	1000	<b>F12432-0015</b>	F11732-0015	F11832-0015	N/A	N/A
Ethanol	1000	<b>F12432-0019</b>	F11732-0019	F11832-0019	F11646-3739	N/A
Assorted	1000	<b>F12432-0050</b>	N/A	N/A	N/A	N/A

### Safely and conveniently transport up to 6 wash bottles in this sturdy, lightweight polypropylene carrier.

- Secure handle affords both comfort and control
- Chemical resistant
- Autoclavable at 121°C (250°F)
- Holds 250ml (8oz) or 500ml (16oz) bottles



CATALOG NO.	DIMENSIONS (L x W x H)	HOLE DIAMETER
F11640-0001	28.6 x 19.4 x 22.5cm (11 <sup>1</sup> / <sub>4</sub> x 7 <sup>5</sup> / <sub>8</sub> x 8 <sup>7</sup> / <sub>8</sub> "	7.4cm (2.9")