



GHS to Current 2-Color Wash Bottles

Chemical	Bottle Size (ml)	NEW With GHS Labeling Vented	2-Color Safety-Labeled Non-Vented	2-Color Safety-Labeled Vented
Acetone	500	10111-944	16649-900	66001-141
Dichloromethane	500	10111-946	16649-915	N/A
Deionized Water	500	10111-948	16649-911	N/A
Distilled Water	500	10111-950	16649-917	N/A
Ethyl Acetate	500	10111-952	16649-925	66001-145
Isopropanol	500	10111-954	16649-935	66001-147
Machine Oil	500	10111-956	16649-943	N/A
Methanol	500	10111-958	16649-945	66001-148
Methyl Ethyl Ketone	500	10111-816	16649-940	66001-152
Isotonic Saline	500	10111-818	N/A	N/A
Sodium Hypochlorite (Bleach)	500	10111-940	16649-910	N/A
Toluene	500	10111-942	16649-955	N/A
Water	500	10111-980	16649-966	N/A
Ethanol	500	10111-982	89141-046	89141-048
70% Ethanol	500	10111-972	N/A	N/A
Acetonitrile	500	10111-974	16649-905	N/A
Assortment (4pc)	500	10111-960	N/A	N/A
Acetone	1000	10111-962	16649-901	N/A
Distilled Water	1000	10111-964	16649-918	N/A
Isopropanol	1000	10111-966	N/A	N/A
Methanol	1000	10111-968	N/A	N/A
Sodium Hypochlorite (Bleach)	1000	10111-970	N/A	N/A
Ethanol	1000	10111-976	N/A	N/A
Assortment (4pc)	1000	10111-978	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
16649-980	28.6 x 19.4 x 22.5cm (11 1/4 x 7 5/8 x 8 7/8")	7.4cm (2.91")

To order, contact your VWR Sales Representative, visit **VWR.com**, or call **1.800.932.5000** today.

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VWR® RIGHT-TO-KNOW,
SAFETY WASH BOTTLES
WITH GHS LABELING

Meets Requirements of
GHS and OSHA HAZCOM
29 CFR 1910.1200

Low-Density Polyethylene

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

Exploding Bomb:
This chemical can blow up.

Flame:
Flammable chemicals can catch fire easily and burst into flames.

Corrosion:
Corrosive chemicals can cause serious damage to skin and eyes. They can also damage clothing, metal, and work surfaces.

Gas Cylinder:
This chemical can explode, rocket, or harm health if the cylinder is heated, ruptured, or leaking.

Flame Over Circle:
Oxidizing chemicals can react with other materials causing them to burn or explode.

Skull and Crossbones:
Exposure to this chemical can cause immediate and possibly serious health problems.

Environment:
This chemical can kill fish and other life that live in the water. (Optional under OSHA HazCom 2012)

Health Hazard:
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.

Exclamation Mark:
This chemical may cause immediate health effects such as skin rashes or respiratory irritation. Some chemicals may damage the ozone layer.

Signal Word:
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.

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
- R – 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.

VWR® Right-to-Know Safety Wash Bottles with GHS Labeling

Catalog No.	Label	Capacity	Cap Color	Bottles Per Pack
10111-944	Acetone	500ml	Red	3
10111-946	Dichloromethane	500ml	Yellow	3
10111-948	Deionized Water*	500ml	Blue	3
10111-950	Distilled Water*	500ml	Blue	3
10111-952	Ethyl Acetate	500ml	Green	3
10111-954	Isopropanol	500ml	Yellow	3
10111-956	Machine Oil	500ml	Natural	3
10111-958	Methanol	500ml	Green	3
10111-816	Methyl Ethyl Ketone**	500ml	Green	3
10111-818	Isotonic Saline*	500ml	Natural	3
10111-940	Sodium Hypochlorite (Bleach)	500ml	Yellow	3
10111-942	Toluene**	500ml	Red	3
10111-980	Water*	500ml	Blue	3
10111-982	Ethanol	500ml	Natural	3
10111-972	70% Ethanol	500ml	Natural	3
10111-974	Acetonitrile	500ml	Yellow	3
10111-960	Assortment (4pc)	500ml	–	4
10111-962	Acetone	1000ml	Red	3
10111-964	Distilled Water*	1000ml	Blue	3
10111-966	Isopropanol	1000ml	Yellow	3
10111-968	Methanol	1000ml	Green	3
10111-970	Sodium Hypochlorite (Bleach)	1000ml	Yellow	3
10111-976	Ethanol	1000ml	Natural	3
10111-978	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