



PENRAY[®] VOC Compliance Guide

Material Group	Part #	Product Description	CA*	CT, DE, MD, NY, RI	CO*, NH, UT*	DC, IL, IN, MA, ME, MI	OH, PA, VA*	NJ
PENRAY HS	115	Heavy Duty Carburetor Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	830	Super-X Non-Chlorinated Brake Clnr- Low VOC 45%	NO	NO	NO	YES	YES	YES
PENRAY HS	930	Super-X Chlorinated Brake Cleaner 0%	NO	YES	YES	YES	YES	NO
PENRAY HS	2214	Gum-Solve [®] Carb & Choke Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	2217	Gum-Solve [®] Plus	NO	NO	NO	NO	NO	NO
PENRAY HS	2412	Fuel Injector Air-Intake Cleaner	NO	NO	NO	YES	YES	YES
PENRAY HS	2520	Mass Air Flow Sensor Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	3416	Silicone Spray	YES	YES	YES	YES	YES	YES
PENRAY HS	4020	Non-Chlorinated Brake Cleaner - Methanol 45%	NO	NO	NO	YES	YES	YES
PENRAY HS	4220	Engine Cleaner & Degreaser	YES	YES	YES	YES	YES	YES
PENRAY HS	4355	No-Stick Coating	YES	YES	YES	YES	YES	YES
PENRAY HS	4424	Rubberized Undercoat	YES	YES	YES	YES	YES	YES
PENRAY HS	4505	Non-Chlorinated Quick Dry Brake Cleaner 98%	NO	NO	NO	NO	NO	NO
PENRAY HS	4516	PR-3 Wrench-Eze and Lubricant	YES	YES	YES	YES	YES	YES
PENRAY HS	4520	Non-Chlorinated Quick Dry Brake Cleaner 98%	NO	NO	NO	NO	NO	NO
PENRAY HS	4554	Non-Chlorinated Quick Dry Brake Cleaner 98%	NO	NO	NO	NO	NO	NO
PENRAY HS	4605	Non-Chlorinated Brake Cleaner - Low VOC 45%	NO	NO	NO	YES	YES	YES
PENRAY HS	4616	4.0 Cleaner & Lubricant	YES	YES	YES	YES	YES	YES
PENRAY HS	4620	Non-Chlorinated Brake Cleaner - Low VOC 45%	NO	NO	NO	YES	YES	YES
PENRAY HS	4655	Non-Chlorinated Brake Cleaner - Low VOC 45%	NO	NO	NO	YES	YES	YES
PENRAY HS	4705	Non-Chlorinated Ultra Low VOC Brake Cleaner 3%	YES	YES	YES	YES	YES	YES
PENRAY HS	4716	Penetrating Lubricant with PTFE	YES	YES	YES	YES	YES	YES
PENRAY HS	4720	Non-Chlorinated Ultra Low VOC Brake Cleaner 3%	YES	YES	YES	YES	YES	YES
PENRAY HS	4750	Heavy Duty White Grease - Food Grade	NO	YES	YES	YES	YES	YES
PENRAY HS	4751	Machine Oil & Parts Lubricant - Food Grade	YES	YES	YES	YES	YES	YES
PENRAY HS	4752	Food Grade Chain Lube	YES	YES	YES	YES	YES	YES
PENRAY HS	4753	Silicone Spray - Food Grade	YES	YES	YES	YES	YES	YES
PENRAY HS	4755	Non-Chlorinated Ultra Low VOC Brake Cleaner 3%	YES	YES	YES	YES	YES	YES

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PENRAY HS	4805	Chlorinated Brake Cleaner 0%	YES	YES	YES	YES	YES	YES
PENRAY HS	4816	Penray White Lithium Grease	NO	YES	YES	YES	YES	YES
PENRAY HS	4820	Chlorinated Brake Cleaner 0%	NO	YES	YES	YES	YES	NO
PENRAY HS	4855	Chlorinated Brake Cleaner 0%	NO	YES	YES	YES	YES	NO
PENRAY HS	4905	Non-Chlorinated CA Low VOC Brake Cleaner 10%	YES	YES	YES	YES	YES	YES
PENRAY HS	4908	Belt Dressing	YES	YES	YES	YES	YES	YES
PENRAY HS	4920	Non-Chlorinated CA Low VOC Brake Cleaner 10%	YES	YES	YES	YES	YES	YES
PENRAY HS	4955	Non-Chlorinated CA Low VOC Brake Cleaner 10%	YES	YES	YES	YES	YES	YES
PENRAY HS	5005	Windshield Washer Antifreeze Concentrate	NO	YES	YES	YES	YES	YES
PENRAY HS	5032	Windshield Washer Antifreeze Concentrate	NO	YES	YES	YES	YES	YES
PENRAY HS	5055	Windshield Washer Antifreeze Concentrate	NO	YES	YES	YES	YES	YES
PENRAY HS	5216	Windshield Spray De-Icer	YES	YES	YES	YES	YES	YES
PENRAY HS	5301	Starting Fluid	YES	YES	YES	YES	YES	YES
PENRAY HS	5315	Premium Starting Fluid- High Ether Content	YES	YES	YES	YES	YES	YES
PENRAY HS	7001	Red Grease	NO	YES	YES	YES	YES	YES
PENRAY HS	7003	Open Gear Lube	NO	YES	YES	YES	YES	YES
PENRAY HS	7005	Inner Slide Lube	YES	YES	YES	YES	YES	YES
PENRAY HS	7006	Chain Lube	NO	YES	YES	YES	YES	YES
PENRAY HS	7009	Dry Graphite Lube	YES	YES	YES	YES	YES	YES
PENRAY HS	7010	PTFE Dry Coating Lubricant	YES	YES	YES	YES	YES	YES
PENRAY HS	7011	Battery Protector	YES	YES	YES	YES	YES	YES
PENRAY HS	7012	Battery Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	7014	Penray Electric Motor Cleaner	NO	NO	YES	NO	YES	NO
PENRAY HS	7015	Connector Seal Automotive Electrical System Sealant	YES	YES	YES	YES	YES	YES
PENRAY HS	7016	Connector Seal Automotive Electrical System Sealant	YES	YES	YES	YES	YES	YES
PENRAY HS	7017	Contact Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	7018	Plastic Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	8021	Tire Gloss - 50 State	YES	YES	YES	YES	YES	YES
PENRAY HS	8022	Instant Shine	YES	YES	YES	YES	YES	YES
PENRAY HS	8024	Carpet Spotter	YES	YES	YES	YES	YES	YES
PENRAY HS	8026	Instant detail and Polish	YES	YES	YES	YES	YES	YES
PENRAY HS	8806	Technician Sample Pack (4516, 4616, 7005, 7011, 7012, 7014)	NO	NO	YES	NO	YES	NO

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PENRAY HS	9001	Tough Max™ Purple Multi-Purpose Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	9005	Tough Max™ Purple Multi-Purpose Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	9032	Tough Max™ Purple Multi-Purpose Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	9055	Tough Max™ Purple Multi-Purpose Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	9170	Tough Max™ Multi-Purpose Degreasing Wipes	YES	YES	YES	YES	YES	YES
PENRAY HS	9171	Tough Max™ Multi-Purpose Degreasing Wipes - single pack	YES	YES	YES	YES	YES	YES
PENRAY HS	80859	Tire Fix Plus™ Emergency Non-Flammable Tire Inflator - Cone	YES	YES	YES	YES	YES	YES
PENRAY HS	80860	Tire Fix Plus™ Emergency Non-Flammable Tire Inflator - Hose	YES	YES	YES	YES	YES	YES
PENRAY HS	80862	Tire Fix Plus™ Emergency Non-Flammable Tire Inflator - Hose	YES	YES	YES	YES	YES	YES
PENRAY HS	80865	Tire Fix Plus™ Emergency Non-Flammable Tire Inflator - Hose	YES	YES	YES	YES	YES	YES
PENRAY HS	4221PENRAY	Foaming Engine Degreaser	YES	YES	YES	YES	YES	YES
PENRAY HS	4324PENRAY	Metal Parts Protector	YES	YES	YES	YES	YES	YES
PENRAY HS	8023PENRAY	Fabric Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	8025PENRAY	Vinyl & Leather Cleaner	YES	YES	YES	YES	YES	YES
PENRAY HS	84151PENRAY	Foaming Glass Cleaner	YES	YES	YES	YES	YES	YES

- YES denotes item can be sold in the State(s)
- NO denotes item cannot be sold in the State(s)
- Very Limited USE denotes item can be sold only for industrial applications and special limitations apply. See regulation for additional information. California brake cleaner regulations: * Penray 4720 (3% VOC) and 4920 (10% VOC) are valid part numbers for sale in all of California.

* The South Coast Regions (SCAQMD) and the Sacramento area (SMAQMD) do have restrictions on VOC limits.

* The shop can use as much Penray 4720 per day as needed because it does not exceed 3% VOC.

* Penray 4920 can be used in volumes not to exceed 160 fluid ounces per day, per CARB regulations.

* It is the responsibility of the user to monitor their usage.

* If you want more information about the South Coast Air Quality Management District please visit: <http://aqmd.gov/aqmd/cities.html>

* If you want more information about the SMAQMD please visit: <http://www.arb.ca.gov/drdb/sac/cur.htm>

* VOC- any compound (other than carbon monoxide or dioxide, carbonic acid, metallic carbonates or carbides and ammonium carbonate) which participates in atmospheric photochemical reactions.

• OTC Phase III States: DC, IL, IN, MA, ME, MI, NJ, OH, PA, VA.

• OTC Phase IV States: CT, DE, MD, NH, UT, RI, CO, NY.

• Colorado VOC limits apply only in the Counties of Adams, Arapahoe, Boulder (includes part of Rocky Mountain National Park), Douglas, and Jefferson; the Cities and Counties of Denver and Broomfield; and portions of the Counties of Larimer and Weld (see rule for specifics on portions regulated).

• Utah VOC limits apply only in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah and Weber Counties

• Virginia limits apply to the counties of Arlington, Fairfax, Loudoun, Prince William, Spotsylvania, and Stafford, the cities of Alexandria, Fairfax, Fredericksburg, Falls Church, Manassas, and Manassas Park. In the Richmond area it applies to Charles City County, Colonial Heights City, Chesterfield County, Hopewell City, Hanover County, Petersburg City, Henrico County, Richmond City, Prince George County.

This guide is provided to assist our customers in determining product compliance with various state-level consumer products VOC regulations and Chlorinated Solvent restrictions. Please be aware that states may amend their regulations at any time and that additional states may adopt regulations in the future. PLZ Aeroscience will make a good faith effort to update this guide to reflect any changes. It is the responsibility of our customers to only sell products for use in areas where they are compliant for use. This guide does not cover regulations that are regional in coverage, such as air district regulations, or regulations pertaining to specific industrial uses.

The most current version of this guide will be maintained on our website at www.plzaeroscience.com/voc-guidelines. Customers are advised to periodically check the website for any updates to this guide. Specific questions can be directed to our Customer Service Department at CustomerService@penray.com.