

Summary of State and Federal VOC Limitations for Institutional and Consumer Products

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Overview

This document summarizes the state and federal (U.S. EPA) regulations that limit the volatile organic compound (VOC) content in cleaning products, polishes, automotive specialty products and deodorants. VOCs are regulated because they react with other substances in the atmosphere to form ozone, a public health hazard.

In using this document, please keep the following in mind:

- All numbers in the table express VOC limits in terms of percent of volatile organic compound by weight;
- The VOC limits set by the U.S. EPA apply only in those states that have NOT established their own VOC regulations—not all states have VOC regulations;
- For a product to be covered by the state or U.S. EPA VOC regulations and limits, the product must meet the definition of at least one of the product categories set forth in those regulations;
- The state and U.S. EPA VOC limitations apply to household, commercial and institutional cleaning products listed in the respective regulations; and
- Where there are "blank" spaces in a column adjacent to a product category, that means that that jurisdiction has not set a VOC limit for that particular product category or product form (i.e., aerosol) within a category.

The VOC limits below represent the percent of volatile organic compound by weight.

Product Category	EPA	CA	CT	DE	IL	IN	ME	MD	MA	MI	NH	NJ	NY	OH	PA	RI	UT ³	VA ⁴	DC
Adhesives																			
Aerosols	75	75																	
Mist Spray		30	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Web Spray		40	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
Screen Printing Adhesives		55																	
Mounting, Automotive Engine Compartment & Flexible Vinyl		70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
Polystyrene Foam and Automotive Headliner		65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Polyolefin and Laminate Repair/ Edgebanding		60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Construction, Panel and Floor Covering	40	7	7	7	15	15	15	7	15	15	7	15	15	15	15	7 ¹	7	15	15
General Purpose	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Structural Waterproof	15		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Adhesive Removers																			
Gasket or Thread Locking Adhesive Remover		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Floor or Wall Covering Adhesive Remover		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
General Purpose Adhesive Remover		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Specialty Adhesive Remover		70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
Air Fresheners																			
Single Phase Aerosols	70	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Double Phase Aerosols	30	20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Liquids, Pump Sprays	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
Solids, Gels	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Dual Purpose Air Freshener/ Disinfectant Aerosols		60	60	60				60			60						60 ¹	60	
Antiperspirants	60																		
Aerosols		40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC	40 HVOC
		10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC
Non-Aerosols		0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC
		0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC

Product Category	EPA	CA	CT	DE	IL	IN	ME	MD	MA	MI	NH	NJ	NY	OH	PA	RI	UT ³	VA ⁴	DC
Anti-Static Products																			
Aerosols		80	80	80				80			80					80 ¹	80		
Non-Aerosols		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11		11
Automotive Brake Cleaners		10	10	10	45	45	45	45	45	45	45	45	45	45	45	10 ¹	10	45	45
Automotive Rubbing and Polishing Compounds		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Automotive Wax, Polish, Sealant or Glaze																			
Hard Paste Waxes		45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
Instant Detailers		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
All Other Forms		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Automotive Windshield Washer Fluids	35		35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Type "A" Areas		25																	
All Other Areas		10																	
Dilutable and Pre-Mixed		1																	
Bathroom and Tile Cleaners																			
Aerosols	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
All Other Forms	5	5			5	5	5	5	5	5		15	5	5	5			5	5
Non-Aerosol		1	1	1							1					1 ¹	1		
Bug and Tar Removers		40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Carburetor and Fuel Injection Air Intake Cleaners	75	10	10	10	45	45	45	10	45	45	10	45	45	45	45	10 ¹	10	45	45
Carpet and Upholstery Cleaners																			
Aerosols		5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Non-Aerosols (Dilutables)		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Non-Aerosols (Ready to Use)		1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Contact Adhesives	80	80								80								80	
General Purpose		55	55	55		55	55	55	55	55	55	55	55	55	55	55	55		55
Special Purpose		80	80	80		80	80	80	80	80	80	80	80	80	80	80	80		80
Cooking Sprays																			
Aerosols	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18

Product Category	EPA	CA	CT	DE	IL	IN	ME	MD	MA	MI	NH	NJ	NY	OH	PA	RI	UT ³	VA ⁴	DC
Deodorants	20																		
Aerosols		0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC
		10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC	10 MVOC
Non-Aerosols		0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC	0 HVOC
		0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC	0 MVOC
Disinfectants																			
Aerosols		70	70	70				70			70					70 ²	70		
Non-Aerosols		1	1	1				1			1					1 ²	1		
Dusting Aids																			
Aerosols	35	17	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
All Other Forms	7	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
Electrical Cleaner		45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45		45
Electronic Cleaner		75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75		75
Engine Degreasers	75	50																	
Aerosols		10	10	10	35	35	35	10	35	35	10	35	35	35	35	10 ¹	10	35	35
Non-Aerosols		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Fabric Protectants	75	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
Non-Aerosols		1																	
Fabric Refresher																			
Aerosols		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		15
Non-Aerosols		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		6
Floor Maintenance Product		1																	
Floor Polishes/ Waxes																			
Products for Flexible (Resilient) Flooring Materials	7	1	1	1	7	7	7	1	7	7	1	7	7	7	7	1 ¹	1	7	7
Products for Non-Resilient Flooring	10	1	1	1	10	10	10	1	10	10	1	10	10	10	10	1 ¹	1	10	10
Wood Floor Wax	90	70	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Floor Wax Strippers																			
Non-Aerosols (For Light or Medium Build-Up)		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Non-Aerosols (For Heavy Build-Up)		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Product Category	EPA	CA	CT	DE	IL	IN	ME	MD	MA	MI	NH	NJ	NY	OH	PA	RI	UT ³	VA ⁴	DC
Footwear or Leather Care Product																			
Aerosols		75	75	75	75	75	75	75	75	75	75	75	75	75	75	75	75		75
Solids		55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55		55
All Other Forms		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		15
Furniture Maintenance Products																			
Aerosols	25	12	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
Non-Aerosols		3	3	3				3			3					3 ¹	3		
All Other Forms Except Solid/ Paste					7	7	7		7	7		7	7	7	7			7	7
General Purpose Cleaners	10																		
Aerosols		8	8	8	10	10	10	8	10	10	8	10	10	10	10	8 ¹	8	10	10
Non-Aerosols		0.5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
General Purpose Degreasers																			
Aerosols		10	10	10	50	50	50	10	50	50	10	50	50	50	50	10 ¹	10	50	50
Non-Aerosols		0.5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Glass Cleaners																			
Aerosols	12	10	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Non-Aerosols	8	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Graffiti Remover																			
Aerosols		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50		50
Non-Aerosols		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		30
Hair Mousses	16	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Hairshines		55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
Hairsprays	80	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
Hair Styling Gels	6	6		6	6	6	6	6		6	6	6	6	6	6			6	6
Hair Styling Products																			
Aerosols		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		6
Pump Spray		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		6
All Other Forms		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		2
Heavy Duty Hand Cleaner or Soap		1	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

Product Category	EPA	CA	CT	DE	IL	IN	ME	MD	MA	MI	NH	NJ	NY	OH	PA	RI	UT ³	VA ⁴	DC
Insecticides																			
Crawling Bug (Aerosol)		15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Crawling Bug (All Other Forms)	40 (all)	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Flea and Tick	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Flying Bug (Aerosol)		20	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Flying Bug (All Other Forms)	35 (all)	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
Foggers	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
Lawn and Garden (All Other Forms)	20 (all)	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Lawn and Garden (Non-Aerosol)		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Wasp and Hornet		10	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Insect Repellants (Aerosols)		65																	
Laundry Prewash																			
Aerosols/ Solids	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
All Other Forms	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Laundry Starch (Sizing/ Fabric Finish) Products	5	4.5	4.5	4.5	5	5	5	4.5	5	5	5	5	5	5	5	4.5'	4.5	5	5
Lubricant																			
Anti-Seize Lubricant (aerosol)		40																	
Anti-Seize Lubricant (nonaerosol)		3																	
Cutting or Tapping Oil (aerosol)		25																	
Cutting or Tapping Oil (nonaerosol)		3																	
Gear, Chain, or Wire Lubricant (aerosol)		25																	
Gear, Chain, or Wire Lubricant (nonaerosol)		3																	
Multi-Purpose Lubricant (Excluding Solid, Semi-Solid)		25	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Penetrants		25	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Rust Preventative or Rust Control Lubricant (aerosol)		25																	
Rust Preventative or Rust Control Lubricant (nonaerosol)		3																	
Metal Polishes / Cleansers			30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Aerosols		15																	
Non-Aerosols		3																	

Product Category	EPA	CA	CT	DE	IL	IN	ME	MD	MA	MI	NH	NJ	NY	OH	PA	RI	UT ³	VA ⁴	DC
Motor Vehicle Wash																			
Non-Aerosols		0.2																	
Multi-Purpose Solvent		3	3	3				3			3					3 ¹	3		
Nail Polish Remover	85	1	1	1	75	75	75	1	75	75	1	75	75	75	75	1 ¹	1	75	75
Non-Selective Terrestrial Herbicide (Non-		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Odor Remover/Eliminator																			
Aerosols		25																	
Non-Aerosols		6																	
Oven or Grill Cleaners																			
Aerosols / Pump Sprays	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Liquids	5				5	5	5		5	5		5	5	5	5			5	5
Non-Aerosols (Including Pump Sprays & Liquids)		4	4	4				4			4					4 ¹	4		
Paint Removers and Strippers		50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Paint Thinner		3	3	3				3			3					3	3		
Personal Fragrance Products																			
Products with 20% or less fragrance		75																	
Products with more than 20% fragrance		65																	
Pressurized Gas Duster		1																	
Rubber and Vinyl Protectants																			
Aerosols		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Non-Aerosols		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Sanitizers																			
Aerosols		70	70	70				70			70					70 ²	70		
Non-Aerosols		1	1	1				1			1					1 ²	1		
Sealants and Caulking Compounds																			
All Forms		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
Chemically Curing Non-Aerosol		3																	
Non-Chemically Curing Non-Aerosol		1.5																	
Shaving Creams	5	5	5	5	5	5	5	5	5	5	5	7	5	5	5	5	5	5	5
Shaving Gels		4	4	4	7	7	7	4	7	7	4		7	7	7	4	4		7
Silicone Multi-Purpose Lubricants (Excluding Solids & Semi-Solids)		60	60	60	60	60	60	60	60	60	60	60		60	60	60	60	60	60

Product Category	EPA	CA	CT	DE	IL	IN	ME	MD	MA	MI	NH	NJ	NY	OH	PA	RI	UT ³	VA ⁴	DC
Spot Removers																			
Aerosols		15	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Non-Aerosols		3	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Temporary Hair Color (Aerosol)		55	55	55				55			55					55 ¹			
Tire Sealants and Inflators		20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Tire or Wheel Cleaner																			
Aerosols		8																	
Non-Aerosols		2																	
Toilet/ Urinal Care Product																			
Aerosols		10	10	10			10	10	10	10		10	10		10	10	10		10
Non-Aerosols		3	3	3			3	3	3	3		3	3		3	3	3		3
Undercoatings (Aerosols)		40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
Windshield Water Repellant		75																	
Wood Cleaners																			
Aerosols		17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17		17
Non-Aerosols		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		4

NOTES:

1. Rhode Island: The VOC limit applies to products manufactured on or after Jan. 1, 2020.
2. Rhode Island: The VOC limit applies to products manufactured on or after Jan. 1, 2021.
3. Utah: The VOC limits apply to the following counties: Box Elder, Cache, Davis, Salt Lake, Tooele, Utah, and Weber.
4. Virginia: The VOC limits apply to Northern Virginia and Fredricksburg Volatile Organic Compound Emission Control Areas.