



Windshield Wash Regulations

Federal and State Windshield Wash Regulations

Updated November 17, 2015



Windshield Wash Regulations

- **VOC STANDARDS** – The Volatile Organic Compound (VOC) content (i.e., methanol) in automotive windshield wash is regulated/limited by federal and, in some cases, by state and local regulation.
- **FEDERAL VOC STANDARDS** – Federal regulation limits VOC content (measured as a percentage by weight) and the corresponding windshield wash strength that may be sold. At the federal level, VOC content is limited to 35% by weight.
- **STATE & LOCAL VOC STANDARDS** – State and local regulatory agencies can and have enacted regulations that are more restrictive than the federal regulation, restricting the sale of windshield wash to a VOC weight content that is lower than the 35% federal standard.
- **EMBITTERING STANDARDS** – Oregon and California* regulations also require that windshield wash containing $\geq 4\%$ methanol by weight contain an aversive/embittering agent in a concentration so as to render the product unpalatable. *California allows for an exception to this embittering requirement if the windshield wash is offered with a child resistant closure.



Windshield Wash Regulations

The following table sets out windshield wash VOC regulations by market and the strongest wash formula that may be sold in that market:

<u>Markets</u>	<u>MAX. VOC Content by Weight</u>	<u>Old World Wash Products allowed</u>
Federal Regulation/Nationwide ¹	35%	-30°F*, -25°F, -20°F, 0°F, +20°F and +32°F *includes ethylene glycol
<u>More Restrictive State Standards:</u>		
• California Non-Type “A” areas	1%	+32°F
• California Type “A” areas ²	25%	0°F, +20°F and +32°F
• Maricopa County, Arizona ³	10%	+20°F and +32°F
• Texas	23.5%	0°F, +20°F and +32°F

¹ Nationwide unless superseded by a more restrictive (i.e., lower VOC content) state or local regulation.

² See specifications for CA TYPE “A” Areas on the tables that follow

³ Includes Metro Phoenix, AZ



Windshield Wash Regulations

California Type “A” areas by county where windshield wash with 25% VOC content by weight (maximum strength of 0°F) may be sold:

California counties that are entirely Type “A” areas	
Air Basin	Counties
Great Basin Valleys	Alpine, Inyo, Mono
Lake Tahoe	El Dorado
Mountain Counties	Amador, Calaveras, El Dorado, Mariposa, Nevada, Plumas, Sierra, Tuolumne
Northeast Plateau	Lassen, Modoc, Siskiyou
North Coast	Del Norte, Trinity
Sacramento Valley	Shasta



Windshield Wash Regulations

Additional California Type “A” areas by zip code where windshield wash with 25% VOC content by weight (maximum strength of 0°F) may also be sold:

Type “A” Areas Identified by ZIP Code					
County*	ZIP Code	County*	ZIP Code	County*	ZIP Code
Butte	95954	Placer	95703	San Bernardino	92315
Butte/Tehama	95942	Placer	95713	San Bernardino	92317
Fresno	00017	Placer	95714	San Bernardino	92321
Fresno	93621	Placer	95715	San Bernardino	92325
Fresno	93628	Placer	95717	San Bernardino	92339
Fresno	93664	Placer	95722	San Bernardino	92352
Fresno/Tulare	93633	Placer	95724	San Bernardino	92358
Glenn	00047	Placer	96140	San Bernardino	92382
Humboldt	00050	Placer	96141	San Bernardino	92385
Kern	00016	Placer	96142	San Bernardino	92397
Kern	93255	Placer	96143	San Diego	91962
Kern	93285	Placer	96145	Santa Barbara	00032
Kern/Ventura	93225	Placer	96146	Tehama	00037
Kern	93226	Placer	96148	Tehama	00038
Kern/Ventura/Santa Barbara/ San Luis Obispo	93252	Placer	96161	Tehama	96063
Madera	00020	Placer	96162	Tulare	00026
Madera	93643	Riverside	92549	Tulare	93260
Madera	93644	Riverside	92561	Tulare	93262
Placer	95602(portion)**	San Bernardino	91759	Tulare	93265
Placer	95603(portion)**	San Bernardino	92256	Tulare	93271
Placer	95631(portion)**	San Bernardino	92305		
Placer	95701	San Bernardino	92314		

* County name is provided as a point of reference only. Except as specified below for ZIP codes 95602, 95603 and 95631 in Placer County, all portions of the identified ZIP codes in this Table are Type “A” areas.

** Only the portion of ZIP codes 95602, 95603, and 95631 (in Placer County) that lie to the east of Range 9 east, Mount Diablo Baseline and Meridian are Type “A” areas. 5



Windshield Wash Regulations

Additional California Windshield Wash VOC regulatory information and definitions:

- “Pre-mixed” applies to already diluted windshield wash sold in containers with a capacity greater than one (1) quart but less than 10 gallons.
- “Dilutable” applies to concentrated windshield wash sold in containers with a capacity of 10 gallons or more or one (1) quart or less and which must state on the front label that the product is a concentrate or dilutable. The back label must include clear instructions on how to dilute the product for Type “A” areas (no more than 25% VOC by weight) and for non Type “A” areas (no more than 1% VOC by weight), as applicable.



Windshield Wash Regulations

Legal Citations for Federal, State and Local Regulations:

JURISDICTION	REGULATION	REGULATION AMEND DATE	JURISDICTION	REGULATION	REGULATION AMEND DATE
FEDERAL/ NATIONWIDE	40 C.F.R. Part 59, Subpart C	08/11/2011	MI	OTC Model Rule for Consumer Products	01/01/2009
AZ (Maricopa County)	Maricopa AQR Reg. III, Rule 344	04/07/1999	NH	NHCA R. Env-A 4102.25	02/26/2014
CA	CCR Title 17 §94508-94509 Health & Safety Code§ 108760 &108765 **	1/22/2015	NJ	NJAC Admin. Code T7, 7:27-24.1 & 24.4	01/01/2009
CT	§22a-174-40	07/12/2009	NY	6 NYCRR 235-3.1	10/15/2009
DE	7 Del. Admin. Code 1114-2.0	04/01/2009	OH	OAC 3745-112-03	12/06/2012
GA	391-3-1-.02 [REPEALED]	EFF. 05/04/2014	OR	ORS §431.880 & 431.885*	7/1/1993
IL	35 IL ADC 223.205	05/04/2012	PA	25 PA Code §130.211 & 202	10/11/2008
IN	326 IAC 8-15-3	11/01/2010	RI	Air Pollution Control Reg. No. 31	01/01/2009
ME	06-096 CMR Ch. 152 §3	01/01/2009	TX	30 TAC §115.600 & 115.612	02/19/2004
MD	COMAR 26.11.32.04	01/01/2005	VA	9 VAC 5-45-430	03/17/2010
MA	310 CMR 7.25	01/01/2009			

* Oregon -- Aversive agent/embittering required

** California -- Bittering agents required; except when offered with a child-resistant safety closure