



VOC

PRODUCT INFORMATION

GUIDE

VOC COMPLIANCE

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VOC COMPLIANCE

Volatile Organic Compounds “VOCs” Regulations

What are “VOCs”?

VOCs stand for “Volatile Organic Compounds”. The term includes all sorts of common paint-related solvents as well as some industrial gases. These products readily evaporate then chemically react with car emissions and other pollutants to form smog.

Why are VOCs important?

Since The U.S. Environmental Protection Agency, State Environmental Protection Agencies and many county and city level agencies have mandates to reduce smog, VOCs are targeted for reduction or elimination to the fullest degree possible. Some areas of the country are quite strict in their approach to minimizing the use of these materials, while others aren’t terribly concerned because their local air is fairly clean. As a result, regulations can vary from state to state and even county to county. Some of the strictest standards for VOCs are found in southern California, but increasingly, these same standards are being adopted by other states. These regulations not only include how much of certain types of materials can be used at industrial facilities, they also may include how a product can be sold.

How are VOCs regulated?

There are two primary ways that VOCs are currently regulated:

Use of VOC-containing products at an end-user’s facility (for example: degreasing aircraft parts during manufacture).

Sales of VOC-containing products to consumers (such as “over-the-counter” sales of aerosol degreasers).

If I sell industrial chemicals, am I impacted by VOC regulations?

For California, the Ozone Transport Commission “OTC” States (Connecticut, Delaware, the District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Virginia), and the Lake Michigan Air Director’s Consortium “LADCO” (Indiana, Illinois, Michigan, Ohio and Wisconsin) the government regulates the amount of VOCs that can be present in “consumer” items.

A consumer product is not just something that is sold for household use by individuals around their homes, but also includes “products that are used in the maintenance or operation of establishments that manufacture, transport, or sell goods or commodities, or provide services for profit or is engaged in the nonprofit promotion of a particular public, education or charitable cause.” If an item for sale meets a regulated definition, it must conform to the VOC content requirements in order to be sold. If it does not conform to the regulation, and the distributor or dealer offers the item for sale, the distributor or dealer can be fined.

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VOC Product Regulations 2009 Update

California

In addition to adding a few new product categories effective 12/31/2008, the California Air Resources Board (CARB) has also implemented VOC content reductions for several existing product categories including, among others, brake cleaners, aerosol general purpose cleaners and degreasers. For a full list of affected products, visit www.arb.ca.gov/enf/advs/advs386.pdf. For compliant products that were manufactured prior to the 12/31/2008 effective date, CARB is allowing a three year sell-through period. CARB is scheduled to adopt additional limits at its June 2009 meeting. Affected categories will likely include non-aerosol cleaners and degreasers.

Ozone Transport Commission (OTC) & Lake Michigan Air Directors Consortium (LADCO) States

OTC and LADCO states have been adopting VOC rules based on models developed by the OTC board. The first such model was developed in 2001. In 2006, the OTC board provided an updated model rule that included optional provisions restricting the use of chlorinated solvents. Unfortunately, this approach has led to variation in the VOC rules adopted by states in the OTC and LADCO areas. The table below summarizes the progress various states have made in implementing VOC rules. All rules include provisions allowing the sell through of non-compliant product produced prior to the effective date of the regulation.

OTC and LADCO STATES	STATUS
New Jersey	Implemented the 2006 OTC rule, with chlorinated solvent restrictions including automotive parts, effective 1/1/09.
Connecticut, Delaware, Maine, Maryland, Massachusetts and Michigan	Implemented the 2006 OTC rule, with chlorinated solvent restrictions, effective 1/1/09.
Ohio, Pennsylvania	Implemented the 2006 OTC rule, without chlorinated solvent restrictions, effective 1/1/09.
District of Columbia, New Hampshire, Virginia	Implemented the 2001 OTC rule, are in the process of adopting the 2006 OTC rule.
Indiana	Adoption in progress of the 2006 OTC rule.
Vermont, Wisconsin	No plan to adopt any consumer product regulations.
Rhode Island	Implemented the 2006 OTC rule, with chlorinated solvent restrictions, effective 7/1/09.
Illinois	Implemented the 2006 OTC Rule*, without chlorinated solvent restrictions effective 7/1/09. <i>*Illinois chose not to include VOC limits for several categories that are listed in the OTC Model Rules. For a copy of the regulation visit http://www.ipcb.state.il.us/documents/dsweb/Get/Document-65022/</i>
New York	Implemented the 2006 OTC rule, with chlorinated solvent restrictions, effective 1/1/10.

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What does “Not for Retail Sale” mean?

What is “Not for Retail Sale”?

Products that do not meet the VOC limits specified for certain categories of consumer chemical products may be sold if they meet the following requirements:

- The product is a General Purpose Degreaser or a Lubricant (including multi-purpose lubricants, silicone-based multi-purpose lubricants, and penetrants), and
- The product is labeled “Not for Retail Sale”, and
- The product is sold exclusively to establishments that manufacture or construct goods or commodities.

What is the distributor’s responsibility?

Since the “sale” of the product is regulated, the seller (distributor) is responsible for selling VOC compliant products in affected states and ensuring that products labeled “Not for Retail Sale” are sold exclusively to manufacturing establishments. Enforcement action, including fines, could be taken against a seller (distributor) that fails to comply.

What does LPS offer as a solution?

LPS offers a wide variety of VOC compliant lubricants and general purpose degreasers. LPS also offers several “Not for Retail Sale” items for manufacturing facilities. These products are clearly marked in the back of the label under the Warning section. For more information on LPS products that are not for retail sale, please visit our web site www.lpslabs.com/LPS_VOC_Guide.html.

For more information call Technical Services at 800-241-8334 or 770-243-8800.

The following spreadsheet is only for VOC regulated products. Products not listed are not currently regulated.

Products listed as “Not for retail sale - for manufacturing use only” are labeled and formulated for industrial users. These products do not meet VOC limits for household and institutional consumer use.

Compliant: Meets VOC regulations

Non-Compliant: Does not meet VOC regulations

Not For Retail Sale: Product can be sold to manufacturers but not to the general public

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LUBRICANTS/PENETRANTS

Product	Part #	STATE					Alternative Product
		California	New Jersey	Connecticut, Delaware, Maine, Maryland, Massachusetts, Michigan, New York, Rhode Island	Ohio, Pennsylvania	Dist of Columbia, Illinois, New Hampshire, Virginia	
LPS 1® Premium Lubricant	00105	Compliant	Compliant	Compliant	Compliant	Compliant	
	00116	Compliant	Compliant	Compliant	Compliant	Compliant	
	00122	Compliant	Compliant	Compliant	Compliant	Compliant	
	00155	Compliant	Compliant	Compliant	Compliant	Compliant	
	01128	Compliant	Compliant	Compliant	Compliant	Compliant	
LPS 2® Heavy-Duty Lubricant	00205	Compliant	Compliant	Compliant	Compliant	Compliant	
	00216	Compliant	Compliant	Compliant	Compliant	Compliant	
	00222	Compliant	Compliant	Compliant	Compliant	Compliant	
	00255	Compliant	Compliant	Compliant	Compliant	Compliant	
	02128	Compliant	Compliant	Compliant	Compliant	Compliant	
Heavy-Duty Silicone	01505	Compliant	Compliant	Compliant	Compliant	Compliant	
	01516	Compliant	Compliant	Compliant	Compliant	Compliant	
Dry Film Silicone	01616	Compliant	Compliant	Compliant	Compliant	Compliant	
LST Penetrant	01905	Compliant	Compliant	Compliant	Compliant	Compliant	
	01916	Compliant	Compliant	Compliant	Compliant	Compliant	
	01928	Compliant	Compliant	Compliant	Compliant	Compliant	
	01955	Compliant	Compliant	Compliant	Compliant	Compliant	
TKX® All-Purpose Lubricant	02005	Compliant	Compliant	Compliant	Compliant	Compliant	
	02016	Compliant	Compliant	Compliant	Compliant	Compliant	
	02022	Compliant	Compliant	Compliant	Compliant	Compliant	
	02028	Compliant	Compliant	Compliant	Compliant	Compliant	
	02055	Compliant	Compliant	Compliant	Compliant	Compliant	
KB 88 The Ultimate Penetrant	02301	Compliant	Compliant	Compliant	Compliant	Compliant	
	02305	Compliant	Compliant	Compliant	Compliant	Compliant	
	02316	Compliant	Compliant	Compliant	Compliant	Compliant	
	02355	Compliant	Compliant	Compliant	Compliant	Compliant	

Products not listed are not currently regulated. Products listed as "Not for retail sale - for manufacturing use only" are labeled and formulated for industrial users. These products do not meet VOC limits for household and institutional consumer use.

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CORROSION INHIBITORS

Product	Part #	STATE					Alternative Product
		California	New Jersey	Connecticut, Delaware, Maine, Maryland, Massachusetts, Michigan, New York, Rhode Island	Ohio, Pennsylvania	Dist of Columbia, Illinois, New Hampshire, Virginia	
Cold Galvanize	05128	Non-Compliant	Compliant	Compliant	Compliant	Compliant	00516-Cold Galvanize Aerosol
	00516	Compliant	Not regulated	Not regulated	Not regulated	Not regulated	
Zinc-X Corrosion Inhibitor	05616	Compliant	Not regulated	Not regulated	Not regulated	Not regulated	
BrightCoat Cold Galvanize	05916	Compliant	Not regulated	Not regulated	Not regulated	Not regulated	

SPECIALTY MRO PRODUCTS

Product	Part #	STATE					Alternative Product
		California	New Jersey	Connecticut, Delaware, Maine, Maryland, Massachusetts, Michigan, New York, Rhode Island	Ohio, Pennsylvania	Dist of Columbia, Illinois, New Hampshire, Virginia	
RTV Clear Silicone Adhesive & Sealant	03712	Compliant	Compliant	Compliant	Compliant	Compliant	
WorkPlace Hand Cleaner Towels	09200	Compliant	Compliant	Compliant	Compliant	Compliant	
WorkPlace Orange Pumice Hand Cleaner	09216	Compliant	Compliant	Compliant	Compliant	Compliant	
	09228	Compliant	Compliant	Compliant	Compliant	Compliant	

VOC COMPLIANCE

INDUSTRIAL DEGREASERS

Product	Part #	STATE					Alternative Product
		California	New Jersey	Connecticut, Delaware, Maine, Maryland, Massachusetts, Michigan, New York, Rhode Island	Ohio, Pennsylvania	Dist of Columbia, Illinois, New Hampshire, Virginia	
Instant Super Degreaser	00705	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	07128	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	00720	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
HDX Heavy-Duty Degreaser	01001	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01005	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01020	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01055	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
Presolve® Orange Degreaser	01405	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01420	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01422	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01428	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01455	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
EFX® Solvent/Degreaser	01801	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01805	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01820	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	01855	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	

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INDUSTRIAL DEGREASERS

Product	Part #	STATE					Alternative Product
		California	New Jersey	Connecticut, Delaware, Maine, Maryland, Massachusetts, Michigan, New York, Rhode Island	Ohio, Pennsylvania	Dist of Columbia, Illinois, New Hampshire, Virginia	
Precision Clean Multi-Purpose Cleaner/Degreaser	02701	Compliant	Compliant	Compliant	Compliant	Compliant	
	02705	Compliant	Compliant	Compliant	Compliant	Compliant	
	02755	Compliant	Compliant	Compliant	Compliant	Compliant	
	02720	Compliant	Compliant	Compliant	Compliant	Compliant	
	02728	Compliant	Compliant	Compliant	Compliant	Compliant	
	02765	Compliant	Compliant	Compliant	Compliant	Compliant	
EM-Citro Emulsion Degreaser	02801	Compliant	Compliant	Compliant	Compliant	Compliant	
	02805	Compliant	Compliant	Compliant	Compliant	Compliant	
	02820	Compliant	Compliant	Compliant	Compliant	Compliant	
	02855	Compliant	Compliant	Compliant	Compliant	Compliant	
ZeroTri® Heavy-Duty Degreaser	03505	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	03520	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	03528	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	03555	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
TriFree Brake Cleaner	03620	Non-Compliant	Compliant	Compliant	Compliant	Compliant	06620 - U-10 Brake Cleaner
A-151 Solvent/Degreaser	04305	Compliant	Compliant	Compliant	Compliant	Compliant	
	04320	Compliant	Compliant	Compliant	Compliant	Compliant	
	04355	Compliant	Compliant	Compliant	Compliant	Compliant	
F-104° Solvent/Degreaser	04905	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	04920	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	04955	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	

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INDUSTRIAL DEGREASERS

Product	Part #	STATE					Alternative Product
		California	New Jersey	Connecticut, Delaware, Maine, Maryland, Massachusetts, Michigan, New York, Rhode Island	Ohio, Pennsylvania	Dist of Columbia, Illinois, New Hampshire, Virginia	
Citrus Degreaser	05005	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	05020	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
	05055	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	Not for retail sale - for manufacturing use only	
EVR™ Clean Air Solvent Degreaser	05201	Compliant	Compliant	Compliant	Compliant	Compliant	
	05205	Compliant	Compliant	Compliant	Compliant	Compliant	
	05220	Compliant	Compliant	Compliant	Compliant	Compliant	
	05255	Compliant	Compliant	Compliant	Compliant	Compliant	
BFX All-Purpose Cleaner	05501	Compliant	Compliant	Compliant	Compliant	Compliant	
	05505	Compliant	Compliant	Compliant	Compliant	Compliant	
	05528	Compliant	Compliant	Compliant	Compliant	Compliant	
	05555	Compliant	Compliant	Compliant	Compliant	Compliant	
T-91 Non-Solvent Degreaser	06301	Compliant	Compliant	Compliant	Compliant	Compliant	
	06305	Compliant	Compliant	Compliant	Compliant	Compliant	
	06355	Compliant	Compliant	Compliant	Compliant	Compliant	
G-49™ Low VOC Orange Degreaser	06420	Compliant	Compliant	Compliant	Compliant	Compliant	
U-10 Brake Cleaner	06620	Compliant	Compliant	Compliant	Compliant	Compliant	

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ELECTRICAL CLEANERS

Product	Part #	STATE					Alternative Product
		California	New Jersey	Connecticut, Delaware, Maine, Maryland, Massachusetts, Michigan, New York, Rhode Island	Ohio, Pennsylvania	Dist of Columbia, Illinois, New Hampshire, Virginia	
Electro Contact Cleaner	00416	Compliant	Compliant	Compliant	Compliant	Not regulated	
Electra-X Contact Cleaner	00816	Compliant	Compliant	Compliant	Compliant	Not regulated	
Electro 140° Contact Cleaner	00916	Non-Compliant	Non-Compliant	Non-Compliant	Non-Compliant	Not regulated	04320 - A-151 Solvent Degreaser
CFC Free Electro Contact Cleaner	03116	Non-Compliant	Non-Compliant	Non-Compliant	Non-Compliant	Not regulated	05416 - CFC Free NU LVC Contact Cleaner
VOC Free Contact Cleaner	03416	Compliant	Compliant	Compliant	Compliant	Not regulated	
NoFlash® NU Precision Contact Cleaner	04015	Compliant	Compliant	Compliant	Compliant	Not regulated	
NoFlash® Electro Contact Cleaner	04016	Compliant	Compliant	Compliant	Compliant	Not regulated	
Revo 66 Contact Cleaner	04416	Compliant	Compliant	Compliant	Compliant	Not regulated	
Micro-X Fast-Evaporating Contact Cleaner	04516	Non-Compliant	Non-Compliant	Non-Compliant	Non-Compliant	Not regulated	06616 - Micro-X Nu Fast Evaporating Contact Cleaner
PSC Plastic Safe Cleaner	04620	Compliant	Compliant	Compliant	Compliant	Not regulated	
CFC Free NU LVC Contact Cleaner	05416	Compliant	Compliant	Compliant	Compliant	Not regulated	
NEW Micro-X NU Fast-Evaporating Contact Cleaner	06616	Compliant	Compliant	Compliant	Compliant	Not regulated	



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