



FACT SHEET

R307-304 Solvent Cleaning

Overview

The Utah Division of Air Quality Rule R307-304, was adopted as part of a package of rules designed to help minimize pollution. The rule applies to solvent cleaning operations located in Box Elder, Cache, Davis, Salt Lake, Tooele, Utah and Weber counties. Effective September 1, 2018 this rule shall apply to shall apply to an owner or operator using 55 gallons or more a year of VOC containing solvent products, minus exempt materials, for solvent cleaning operations.

Requirements

You have the option of either limiting the amount of VOC coatings applied or limiting VOCs by using an add on control device. (See entire rule for all circumstances.)

VOC Content Limits

Solvent Cleaning Limits
(excluding water and exempt solvents from the definition of volatile organic compounds found in R307-101-2)

Solvent Cleaning Category	VOC Limit	
	(lb/gal)	(g/L)
Coatings, adhesives and ink manufacturing	4.2	500
Electronic parts and components	4.2	500
Medical devices and pharmaceutical tools, equipment and machinery	6.7	800
General surface cleaning	5.0	600
Screening printing operations	4.2	500
Semiconductor tools, maintenance and equipment cleaning	6.7	800
Advanced composites manufacturing	6.7	800
Baby and child care diapers manufacturing	5.0	500

As an alternative to the limits in Table 1 and for all general miscellaneous cleaning operations, a person may use a cleaning material with a VOC composite vapor pressure no greater than 8 mm Hg at 20 degrees Celsius.

Utah Division of Air Quality

January 2018

Contact

(801) 536-4000

General Air Quality information, regulations, and contact information: <https://deq.utah.gov/Divisions/daq/index.htm>.

This fact sheet provides general information concerning the the Solvent Cleaning rule. See <https://rules.utah.gov/publicat/code/r307/r307-304.htm> for the entire rule.

DEQ Social Media

Blog

dequtah.blogspot.com

Facebook

facebook.com/udeq

Twitter

twitter.com/UtahDEQ

Work Practices

An owner or operator shall store used applicators and shop towels in closed fireproof containers.

For Add-on Emission Control Systems Operations

If an add-on control system is used, the owner or operator shall install and maintain the add-on emission control system in accordance with the manufacturer recommendations and maintain 85% or greater capture and control efficiency. The overall capture and control efficiency shall be determined using EPA approved methods or an alternative test method may be substituted for the preceding test methods after review and approval by the EPA Administrator.

Exemptions

The following operations are exempt: Shipbuilding and repair, fiberglass boat manufacturing materials, operations that are exclusively covered by Department of Defense military, janitorial cleaning, graffiti removal, solvent cleaning in laboratory tests and analysis and research and development projects, cleaning with aerosol products, cleaning solvents that are defined as a consumer product and cleaning of solar cells, laser hardware, scientific instruments, and high-precision optics.

Recordkeeping

You are required to maintain records for 2 years of the VOC content of the solvent applied. If an add-on control device is used, and the physical characteristics that demonstrate compliance with R307-304. Records shall be made available to the director upon request.

