

AUGEO CLEAN MULTI

We declare that **AUGEO CLEAN MULTI** is obtained from the acetalization reaction of glycerin.

40 CFR Part 9 and 58 it's related to National Volatile Organic Compound Emissions Standards for Consumer Products, being responsible to establishes VOC limits and some other provisions.

§ 59.203 Standards for consumer products, establishes that some substances are not considered in the measure of VOC Content. Theses substances are the ones which:

1. Has a vapor pressure of less than 0.1 millimeters of mercury at 20 degrees Celsius; or
2. Consists of more than 12 carbon atoms, if the vapor pressure is unknown; or
3. Has a melting point higher than 20 degrees Celsius and does not sublime (i.e., does not change directly from a solid into a gas without melting), if the vapor pressure is unknown."

They also states that a manufacturer or importer may use the vapor pressure information provided by the raw material supplier as long as the supplier uses a method to determine vapor pressure that is generally accepted by the scientific community.

According to CARB Regulation for Reducing Emissions from Consumer Products, a LVP VOC Compound means a chemical "compound" or "mixture" that contains at least one carbon atom and meets one of the following:

- a. has a vapor pressure less than 0.1 mm Hg at 20 °C, as determined by ARB Method 310; or
- b. is a chemical "compound" with more than 12 carbon atoms, or a chemical "mixture" comprised solely of "compounds" with more than 12 carbon atoms, as verified by formulation data, and the vapor pressure and boiling point are unknown; or

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- c. is a chemical “compound” with a boiling point greater than 216 °C, as determined by ARB Method 310; or
- d. is the weight percent of a chemical “mixture” that boils above 216 °C, as determined by ARB Method 310.

Therefore, the two methods for establishment of LVP VOC for a substance are different, once the EPA method accept any method to determine vapor pressure that is generally accepted by the scientific community.

AUGEO CLEAN MULTI has a boiling point of 191°C at 101,3 kPa and a vapor pressure of 0,04 mmHg at 20°C, both determined by ARB Method 310.

Therefore, **AUGEO CLEAN MULTI** is considered **LVP-VOC** in function of the pressure vapor for both Regulations.

AUGEO CLEAN MULTI – LVP-VOC

Above statement is valid for **AUGEO CLEAN MULTI** manufactured in Brazil
Information given above corresponds to the current status of our knowledge
(July, 2018)

LEGAL STATEMENT

The above information is provided for our customers only (and we accept no liability to any third parties) and reflects our current knowledge and experience of the product. All products are supplied in accordance with our general terms and conditions for sale. We can accept no liability for the effects of any chemical combinations or mixtures of the product which are carried out by our customers or third parties. In using the product our customers are reminded to comply with all relevant legal, administrative and regulatory requirements and procedures relating to its use and the protection of the environment.

