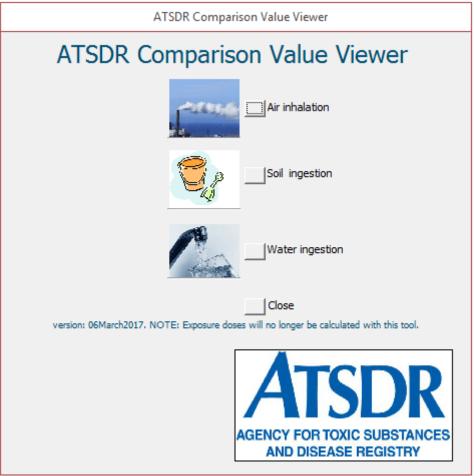
# Tour Guide for the ATSDR Comparison Value Viewer



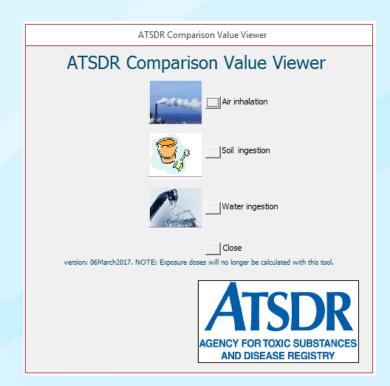
March 2017



#### Who We Are - ATSDR

- ATSDR is a federal public health agency of the U.S.
   Department of Health and Human Services.
- Our goal is safeguard and protect health by preventing exposures to toxic substances.
- Our Land Reuse Health Program integrates public health principles into redevelopment.

- The ATSDR Comparison Value Viewer is a computer program that provides users with ATSDR Health Comparison Values for chemicals in three media (Air, Soil, and Water)
- □ This tool requires
   Microsoft ® Access ® (1997 or later)



## ATSDR Comparison Value Viewer-Features

- Provides three media-specific scenarios: Air, Soil, and Water
- Displays ATSDR health comparison values
- Provides suggested value for consideration when evaluating chemical exposures
- Assists reviewers of Land Reuse sites

The first screen displayed is the disclaimer. Select either "Continue" to proceed with the Comparison Value Viewer or "Exit" to quit the program.

ATSDR CV Viewer				
Continue Exit				
DISCLAIMERS				
This is a screening tool for the user to characterize the extent of real or perceived contamination at a site, and is provided as a service to the public for informational purposes. THE RESULTS PROVIDED BY THE SCREENING TOOL SHOULD IN ALL INSTANCES BE VERIFIED BY A PUBLIC HEALTH AUTHORITY. The results of this screening tool may not reflect the actual exposure of specific individuals to contaminants. In addition, more updated information, if and when obtained, may change interpretations presented herein. Unless otherwise noted, material presented on the ATSDR Dose Calculator is a work of the United States and is in the public domain.				
To the maximum extent permitted by applicable law, HHS and CDC/ATSDR makes no representations about the suitability, for any purpose or use, of this software tool. THE SOFTWARE TOOL IS PROVIDED "AS IS" AND WITHOUT WARRANTY OF ANY KIND. ANY WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE, TITLE, AND NON-INFRINGEMENT ARE HEREBY DISCLAIMED. The user shall not, in any event, be entitled to, and HHS and CDC/ATSDR shall not be liable for, indirect, special, incidental, or consequential damages of any nature arising from the use of this software, including, without being limited to, loss of use, data, or profit irrespective of the nature of the claim, whether in contract, tort, warranty, or otherwise.				
The formulae which are used in this screening tool to produce the results are being re-evaluated. The results may or may not be appropriate for use in CDC\ATSDR-funded Public Health Assessments, Health Consultations, Letter				

The next screen displayed provides the user with the ability to check for upgrades or continue without checking.

ATSDR CV Viewer - Check for Updates - Form				
Check for updates  Continue without checking for updates.  Exit program				

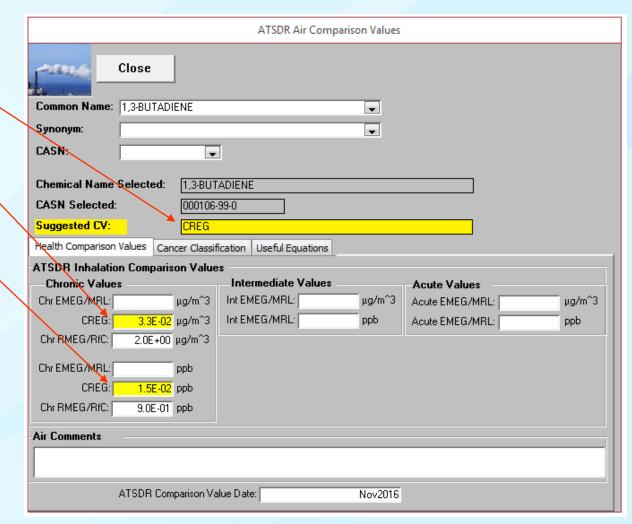
Enter chemical by selecting: "Common Name," "Synonym," or "CASN."

The CASN is the Chemical Abstract Registry Number.

ATSDR Air Comparison Values					
Close Common Name:					
Synonym:					
CASN:					
Chemical Name Selected:					
CASN Selected:					
Suggested CV:					
Health Comparison Values Cancer Classification Useful Equations					
ATSDR Inhalation Comparison Values					
Chronic Values	Intermediate Values	Acute Value	-		
Chr EMEG/MRL: µg/m^	Int EMEG/MRL:	μg/m <sup>2</sup> 3 Acute EMEG/	MRL: μg/m^3		
CREG: μg/m^	Int EMEG/MRL:	ppb Acute EMEG/	MRL: ppb		
Chr RMEG/RfC: μg/m <sup>2</sup>	3	L			
Chr EMEG/MRL: ppb					
CREG: ppb					
Chr RMEG/RfC: ppb					
-Air Comments					
ATSDR Comparison Value Date:					

Example chemical: 1,3-Butadiene

The Tool looks up the associated comparison value for the selected chemical. The "Suggested CV" category and values are then highlighted.



Example chemical: 1,3-Butadiene

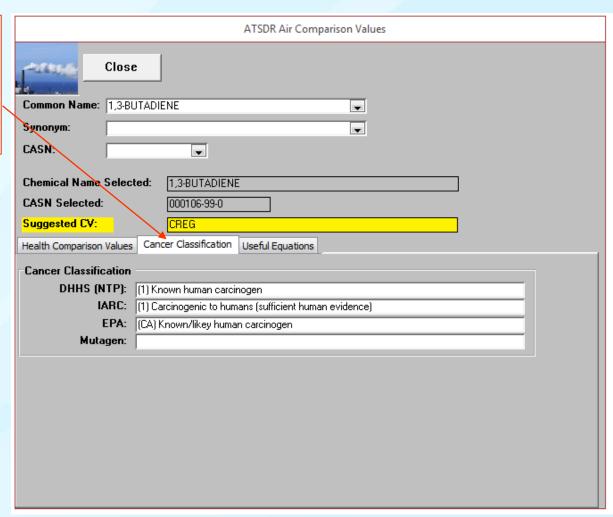
For Air CVs, the values are often presented in both common units (µg/m³ and ppb).

ATSDR Air Comparison Values Close Common Name: 1,3-BUTADIENE Synonym: CASN: Chemical Name Selected: 1.3-BUTADIENE CASN Selected: 000106-99-0 Suggested CV CREG Health Comparison Values Cancer Classification Useful Equations ATSDR Inhalation Comparison Values Chronic Values Intermediate Values Acute Values Chr EMEG/MRL \_μg/m^3 Int EMEG/MRL: μg/m^3 Acute EMEG/MRL: μα/m^3 <mark>3.3E-02</mark> μg/m<sup>3</sup> Int EMEG/MRL: ppb Acute EMEG/MRL: 2.0E+00 μg/m<sup>2</sup>3 Chr RMEG/RfC: Chr EMEG/MRL: ppb 1.5E-02 ppb CREG: 9.0E-01 ppb Chr RMEG/RfC: Air Comments ATSDR Comparison Value Date: Nov2016

The "ATSDR Comparison Value Date" is listed here.

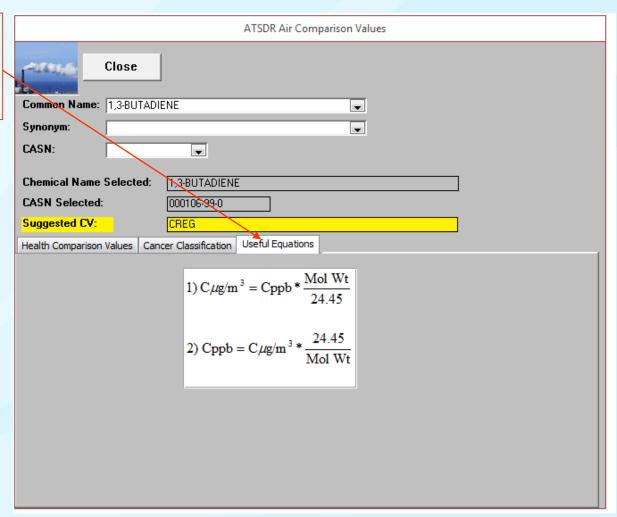
Example chemical: 1,3-Butadiene

"Cancer Classification" is displayed on this tab.



Example chemical: 1,3-Butadiene

"Useful Equations" are displayed on this tab.

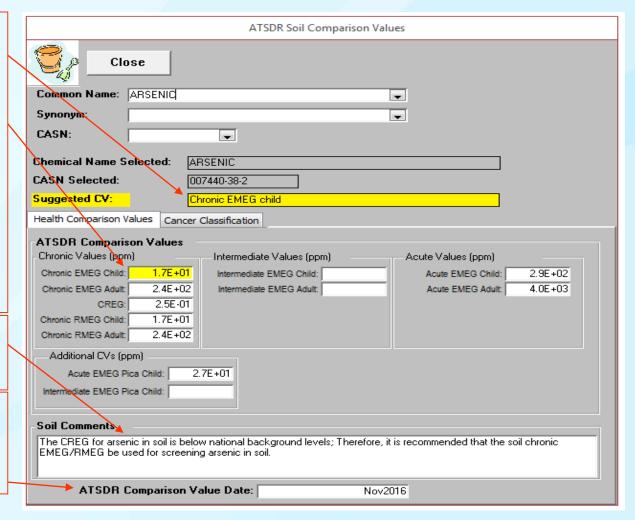


#### Example chemical: Arsenic

The Tool looks up the associated comparison value for the selected chemical. The "Suggested CV" category and values are then highlighted.

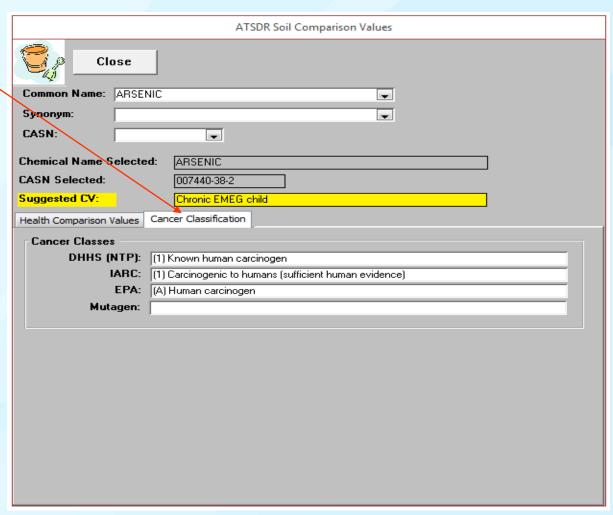
Notes are listed here.

The "ATSDR Comparison Value Date" is listed here.



#### Example chemical: Arsenic

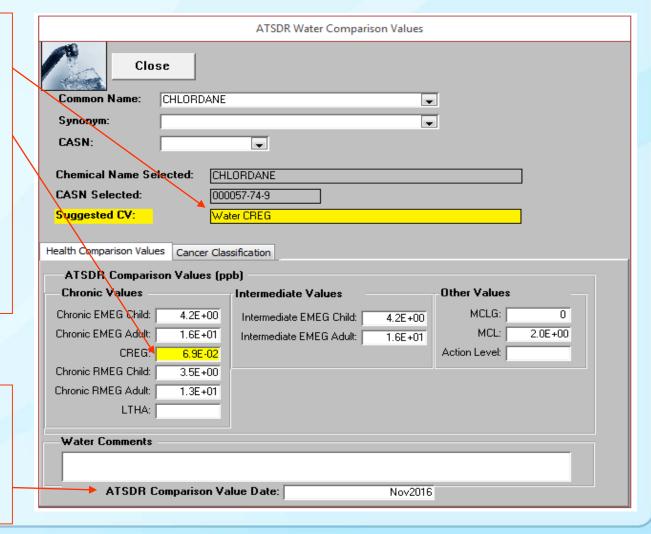
"Cancer Classification" is displayed on this tab.



#### Example chemical: Chlordane

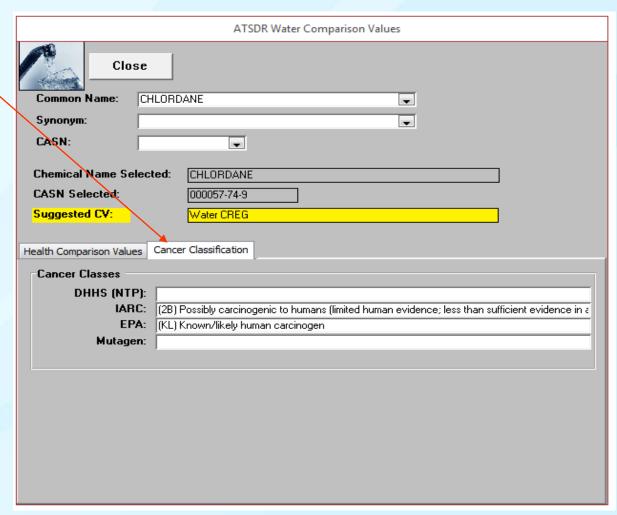
The Tool looks up the associated comparison value for the selected chemical. The "Suggested CV" category and values are then highlighted.

The "ATSDR Comparison Value Date" is listed here.



#### Example chemical: Chlordane

"Cancer Classification" is displayed on this tab.



#### For more information

ATSDR Land Reuse Health Program

Web: https://www.atsdr.cdc.gov/sites/brownfields/index.html

Email: ATSDR.LandReuse@cdc.gov

For more information please contact Agency for Toxic Substances and Disease Registry

4770 Buford Highway NE, Chamblee, GA 30341

Telephone: 1-800-CDC-INFO (232-4636)/TTY: 1-888-232-6348

Web: http://www.atsdr.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Agency for Toxic Substances and Disease Registry.

