



# Tech Perspectives



## DMP-USP Cleaning Concentrate Warning Labeling FAQ

DMP-USP, in its concentrated form, contains 7.5% Sodium Tetraborate Pentahydrate (Borax), a naturally occurring cleaning and buffering agent. Recent changes to global labeling requirements necessitate adding a reproductive toxicity warning to any professional product that contains this compound. **Studies have indicated that reproductive toxicity is a concern if ingesting large amounts of this product over extended periods of time.**

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### Why did Dentronix change the label?

Implementation of The Globally Harmonized Standard for Classification and Labeling of Chemicals (GHS) establishes classification and label criteria for chemical products and is a required part of our packaging as of 2015. These label guidelines consolidate concerns from around the world and for many possible uses of the products. DMP-USP ultrasonic cleaning concentrate contains 7.5% of a compound called Sodium Tetraborate Pentahydrate. This is used as a cleaning and buffering compound and is found in many household products<sup>1</sup>.

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### If this chemical is in household products, why do you have to include the warning label?

Dentronix prides itself in providing safe and effective products to every customer. We are also committed to compliance with all FDA and GHS Labeling requirements along with honest, transparent communication. GHS Labeling requirements are based on potential hazards and because of these potential hazards, certain labeling symbols are required for professional products used in the medical and dental field.



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### What does this warning symbol on the DMP-USP Ultrasonic Cleaning Concentrate Label mean?

The FDA and GHS strive to ensure that all products sold are tested to be safe and effective. Some tests have shown that continued, high-level consumption of borates may lead to reproductive toxicity. DMP-USP is not intended for human consumption under any conditions. Available data indicates that when used as directed by the instructions on the label, DMP-USP is a safe and effective product for use in cleaning your instruments and poses no health risks.

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### What should I know about DMP-USP Ultrasonic Cleaning Concentrate?

- The "Health Hazard" symbol shown on the bottom right identifies potential health hazards of which our customers should be aware. The studies that demonstrated effects on fertility and fetal toxicity were completed in rats and mice with continued, high-level, consumption<sup>3</sup>.
- The **World Health Organization** and the **U.S. EPA Toxics Release Inventory List** do **NOT** identify this product as an Acute Toxicant<sup>2</sup>.
- **Regarding California Proposition 65** guidelines, this product does not contain any chemicals known to the state of California to cause cancer, birth defects, or any other harm.
- The **International Agency for Research on Cancer** does NOT identify this product as a Carcinogen<sup>2</sup>.
- The **Illinois EPA List of Endocrine Disrupting Compounds** and the **European Union** do NOT identify this product as an Endocrine Disruptor<sup>2</sup>.

<sup>1</sup><https://householdproducts.nlm.nih.gov/cgi-bin/household/brands?tbl=chem&id=10>

<sup>2</sup>[http://www.pesticideinfo.org/Detail\\_Chemical.jsp?Rec\\_Id=PC34434](http://www.pesticideinfo.org/Detail_Chemical.jsp?Rec_Id=PC34434)

<sup>3</sup><http://www.atsdr.cdc.gov/toxprofiles/tp26-c2.pdf>

**dentronix**

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**To avoid any risks of reproductive toxicity,  
do not ingest or consume this product.**



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