

## “Phenolic Chemicals in Dental Aspiration/Suction Line Cleaners”

It’s not widely known that some of the most popular cleaning liquids for Dental Aspiration/Suction Lines contain Phenol related chemicals. Pullijet is one brand that does.

### Phenolic Chemicals are Extremely Dangerous

Almost all scientific and safety authorities internationally agree that Phenol is extremely dangerous to humans and to the environment. As the *Agency for Toxic Disease Registry* explains, “All forms of phenol cause irritation, and acute toxic effects of phenol most often occur by skin contact. Even dilute solutions (1% to 2%) may cause severe burns if contact is prolonged. Systemic toxicity can result from skin or eye exposures. Phenol vapour and liquid penetrate the skin with absorption efficiency approximately equal to the absorption efficiency by inhalation.” The Therapeutic Goods Administration (TGA), also warns that the toxicity can be received, “orally, by inhalation and through dermal absorption.”\*

### There are Effective Alternatives for Cleaning

Today there are products on the market which are:

1. Arguably more effective than the phenol based products,
2. Not dangerous to humans and the environment, and
3. Often are more economical.

### DentJet – A Powerful & Safe Non-Phenolic Cleaner

DentJet is a powerful non-phenolic cleaner and sanitizer. DentJet is extremely popular and recommended across the Dental Industry due to its outstanding effectiveness, safety and economical price. What also makes DentJet a leader in its category, is that it has passed the TGA *Disinfection Option B Test*, and doesn’t include chlorine or solvents which can damage rubber and/or metal components.

\*Agency for Toxic Substances and Disease Registry, “Medical Management Guidelines for Phenol”,  
<https://www.atsdr.cdc.gov/mmg/mmg.asp?id=144&tid=27>

# Therapeutic Goods Administration, “Scheduling delegate’s interim decisions and invitation for further comment: ACCS/ACMS, July 2016”.  
<https://www.tga.gov.au/book-page/23-phenol>