



Protecting drinking water from **DNAPLs**

What are Dense Non-Aqueous Phase Liquid (DNAPL) chemicals?

DNAPL (dee-na-pull) chemicals are heavier than water and do not dissolve in water. They are commonly found in industrial and commercial products.

Commonly used DNAPL chemicals

Chemical	Common uses
DCM (dichloromethane)	Paint remover, aerosols
PAH (polyaromatic hydrocarbons)	Dyes, wood preservatives
TCE (trichloroethylene)	Paint remover, metal cleaner
VCM (vinyl chloride)	Vehicle upholstery, wire coating
PCE (perchloroethylene)	Dry cleaning, manufacturing

Why are DNAPL chemicals a concern?

- Can cause **serious health issues**, including cancer
- Can **remain in groundwater for decades**
- Are costly and **difficult to clean** up

If released into the environment, such as through spills or leaks, there can be fines, clean-up costs and reputational damage.

How can you help protect drinking water?

- ✓ Follow product Safety Data Sheets for safe handling, storage and spill response
- ✓ Keep spill response materials on hand and ensure staff are trained
- ✓ Report spills right away to the Spills Action Centre at 1.800.268.6060
- ✓ Treat contaminated materials as hazardous waste and dispose of them properly



Contact us to learn more about DNAPLs

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We all have a role to play in protecting our drinking water.