

FACT SHEET DATE: DEC 6 1990

NEW YORK STATE
- HUMAN HEALTH FACT SHEET -

**Ambient Water Quality Value for
Protection of Sources of Potable Water**

SUBSTANCE: Di-n-butyl phthalate CAS REGISTRY NUMBER: 84-74-2

AMBIENT WATER QUALITY VALUE: 50 ug/L

BASIS: Reference to 10 NYCRR Subpart 5-1 General Standards

SUMMARY OF INFORMATION:

Di-n-butyl phthalate is an unspecified organic contaminant (UOC) as defined under New York State Department of Health (DOH) regulations (10 NYCRR Subpart 5-1). The DOH's maximum contaminant level (MCL) for UOCs is 50 ug/L, which became effective January 9, 1989.

DERIVATION OF VALUE:

Groundwater

Current DEC regulations for groundwater (Part 703) automatically and immediately include, by reference, 10 NYCRR Subpart 5-1 MCLs as DEC standards. Given that di-n-butyl phthalate is a UOC as described above, the previous DEC standard of 770 ug/L became 50 ug/L as of January 9, 1989.

Although the DEC is proposing to delete the UOC MCL as a general standard for groundwater, it is being retained as a specific standard for di-n-butyl phthalate. Di-n-butyl phthalate is specifically listed in DEC paragraph 703.5(a)(3) with a standard less stringent than 50 ug/L. The DEC has reviewed toxicity information for di-n-butyl phthalate under its current procedures and determined that a value greater than 50 ug/L would not be justified. Consequently, the UOC standard of 50 ug/L is more appropriate than the listed specific standard.

CSS/SS