

Fact Sheet Date: OCT 22 1993

**NEW YORK STATE
- HUMAN HEALTH FACT SHEET -**

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

SUBSTANCE: Glyphosate

CAS REGISTRY NUMBER: 1071-83-6

AMBIENT WATER QUALITY VALUE: 50 ug/L

BASIS: General Organic Guidance Value [6 NYCRR 702.15(a)(1)(ii)]

SUMMARY OF INFORMATION

This substance has received only a limited review at this time. EPA (1992) has established a final Federal MCL for drinking water of 700 ug/L. However, glyphosate is categorized in carcinogenicity group D, which means that its potential to cause cancer has not been fully characterized.

DERIVATION OF VALUE:

Surface Water:

The regulations [6 NYCRR 702.15(a)(1)(ii)], require that a guidance value be at least as stringent as a "general organic guidance value" of 50 ug/L unless both the oncogenic and nononcogenic effects have been adequately evaluated. Because the oncogenic potential of glyphosate has not been adequately assessed, the ambient water quality value is set at 50 ug/L.

REFERENCES:

NYSDEC. 1991. 6 NYCRR, Chapter X, Parts 700-705. Water Quality Regulations for Surface Waters and Groundwaters.

U.S. Environmental Protection Agency (EPA). 1992. Federal Register Vol. 57, No. 138. pp. 31776-31849. July 17, 1992.

CSS/SS
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