

Fact Sheet Date: March 12, 1998

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

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

**SUBSTANCE:** trans-1,2,3-Trichloropropene    **CAS REGISTRY NUMBER:** 13116-58-0

**AMBIENT WATER QUALITY VALUE:** 5 ug/L

<b>BASIS:</b>	Surface Water:	Principal Organic Contaminant Classes
	Groundwater:	Former Reference to 10 NYCRR Subpart 5-1 Principal Organic Contaminant (POC) General Maximum Contaminant Level (MCL)

**SUMMARY OF INFORMATION**

A search of relevant databases revealed very little information on trans-1,2,3-trichloropropene. The substance does not appear on IRIS. There is insufficient information with which to determine its carcinogenicity or to derive an Acceptable Daily Intake for non-carcinogenic effects.

trans-1,2,3-Trichloropropene is in a principal organic contaminant class (class 5, substituted, unsaturated hydrocarbons) as defined in 6 NYCRR 700.1.

**DERIVATION OF VALUE**

Surface Water

Regulations [6 NYCRR 702.2(b)] require that the value be the most stringent of the values derived using the procedures found in sections 702.3 through 702.7. The principal organic contaminant class value of 5 ug/L (702.3(b)) represents the most stringent value that can be derived for trans-1,2,3-trichloropropene. Therefore, the ambient surface water quality value for trans-1,2,3-trichloropropene is 5 ug/L.

## Groundwater

The principal organic contaminant (POC) groundwater standard of 5 ug/L (6 NYCRR 703.5) applies to trans-1,2,3-trichloropropene. This standard became effective on January 9, 1989 by inclusion by reference to 10 NYCRR Subpart 5-1 standards. The basis and derivation of the POC standard are described in a separate fact sheet.

## **REFERENCES**

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

## **SEARCH STRATEGY**

IRIS

RTECS

CCRIS

Database searches on Toxline, NTIS May 1993

New York State Department of Environmental Conservation

Division of Water

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October 22, 1993