

**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:** alpha,alpha,4-Trichlorotoluene      **CAS REGISTRY NUMBER:** 13940-94-8

**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 alpha, alpha-4-trichlorotoluene. 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.

alpha,alpha,4-Trichlorotoluene is in a principal organic contaminant class (class 3, halobenzenes and substituted halobenzenes) 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 alpha,alpha,4-trichlorotoluene. Therefore, the ambient surface water quality value for alpha,alpha,4-trichlorotoluene is 5 ug/L.

## Groundwater

The principal organic contaminant (POC) groundwater standard of 5 ug/L (6 NYCRR 703.5) applies to alpha,alpha,4-trichlorotoluene. 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  
Toxline and NTIS April 1993

New York State Department of Environmental Conservation  
Division of Water  
AS  
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