

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:** cis-1-Phenyl-1-propene

**CAS REGISTRY NUMBER:** 766-90-5

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

**BASIS:** 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 cis-1-phenyl-1-propene. 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.

cis-1-Phenyl-1-propene is in a principal organic contaminant class (class 4, benzene and alkyl- or nitrogen-substituted benzenes) 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 cis-1-phenyl-1-propene. Therefore, the ambient surface water quality value for cis-1-phenyl-1-propene is 5 ug/L.

## Groundwater

The principal organic contaminant (POC) groundwater standard of 5 ug/L (6 NYCRR 703.5) applies to cis-1-phenyl-1-propene. 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**

RTECS

CCRIS

IRIS

Database search on TOXLINE 3/93

New York State Department of Environmental Conservation

Division of Water

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