



Integrated Risk Information System

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### Trichloroethylene (CASRN 79-01-6)

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Reference Dose for Chronic Oral Exposure (RfD)



0199

#### Trichloroethylene; CASRN 79-01-6

Health assessment information on a chemical substance is included in IRIS only after a comprehensive review of chronic toxicity data by U.S. EPA health scientists from several Program Offices and the Office of Research and Development. The summaries presented in Sections I and II represent a consensus reached in the review process. Background information and explanations of the methods used to derive the values given in IRIS are provided in the Background Documents.

#### STATUS OF DATA FOR Trichloroethylene

File First On-Line 03/31/1987

Category (section)	Status	Last Revised
Oral RfD Assessment (I.A.)	no data	08/01/1992
Inhalation RfC Assessment (I.B.)	no data	
Carcinogenicity Assessment (II.)	withdrawn	07/01/1994

### I. Chronic Health Hazard Assessments for Noncarcinogenic Effects

#### \_I.A. Reference Dose for Chronic Oral Exposure (RfD)

Substance Name --Trichloroethylene  
CASRN -- 79-01-6

Not available at this time.

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#### \_I.B. Reference Concentration for Chronic Inhalation Exposure (RfC)

Substance Name --Trichloroethylene  
CASRN -- 79-01-6

Not available at this time.

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## **\_II. Carcinogenicity Assessment for Lifetime Exposure**

Substance Name --Trichloroethylene  
 CASRN -- 79-01-6

The carcinogen assessment summary for this substance has been withdrawn following further review. A new carcinogen summary is in preparation by the CRAVE Work Group.

Agency Work Group Review -- 12/04/1986, 04/06/1989, 05/30/1989, 09/22/1993, 06/09/1994

EPA Contacts:

Please contact the IRIS Hotline for all questions concerning this assessment or IRIS, in general, at (301)345-2870 (phone), (301)345-2876 (FAX) or [Hotline.IRIS@epamail.epa.gov](mailto:Hotline.IRIS@epamail.epa.gov) (internet address).

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- \_III. [reserved]**
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## **\_VI. Bibliography**

Substance Name --Trichloroethylene  
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Not available at this time.

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## **\_VII. Revision History**

Substance Name --Trichloroethylene  
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<b>Date</b>	<b>Section</b>	<b>Description</b>
03/01/1988	II.B.3.	Text revised
03/01/1988	II.B.4.	Confidence statement revised
03/01/1988	II.C.2.	Text added
03/01/1988	II.C.4.	Confidence statement revised
03/01/1988	II.D.4.	Documentation corrected
05/01/1989	II.	Carcinogen assessment summary noted as pending change
06/01/1989	II.D.3.	Primary contact changed

07/01/1989	II.	Withdrawn; new assessment verified (in preparation)
12/01/1989	I.B.	Inhalation RfD now under review
06/01/1990	IV.A.1.	Area code for EPA contact corrected
06/01/1990	IV.F.1.	EPA contact changed
01/01/1992	IV.	Regulatory actions updated
04/01/1992	IV.A.1.	CAA regulatory action withdrawn
07/01/1992	II.	EPA contact changed; work group review dates added
08/01/1992	I.A.	Oral RfD now under review
11/01/1993	II.	Work group review date added
07/01/1994	II.	Work group review date added
08/01/1995	I.A., I.B., II.	EPA's RfD/RfC and CRAVE workgroups were discontinued in May, 1995. Chemical substance reviews that were not completed by September 1995 were taken out of IRIS review. The IRIS Pilot Program replaced the workgroup functions beginning in September, 1995.
04/01/1997	III., IV., V.	Drinking Water Health Advisories, EPA Regulatory Actions, and Supplementary Data were removed from IRIS on or before April 1997. IRIS users were directed to the appropriate EPA Program Offices for this information.
01/02/1998	I., II.	This chemical is being reassessed under the IRIS Program.

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## VIII. Synonyms

Substance Name -- Trichloroethylene  
 CASRN -- 79-01-6  
 Last Revised -- 03/31/1987

79-01-6  
 ACETYLENE TRICHLORIDE  
 ALGYLEN  
 ANAMENTH  
 BENZINOL  
 BLACOSOLV  
 BLANCOSOLV  
 CECOLENE  
 CHLORILEN  
 1-CHLORO-2,2-DICHLOROETHYLENE  
 CHLORYLEA  
 CHLORYLEN  
 CHORYLEN  
 CIRCOSOLV  
 CRAWHASPOL  
 DENSINFLUAT  
 1,1-DICHLORO-2-CHLOROETHYLENE  
 DOW-TRI  
 DUKERON  
 ETHINYL TRICHLORIDE  
 ETHYLENE TRICHLORIDE  
 ETHYLENE, TRICHLORO-  
 FLECK-FLIP  
 FLOCK FLIP  
 FLUATE  
 GEMALGENE  
 GERMALGENE  
 LANADIN  
 LETHURIN  
 NARCOGEN

NARKOGEN  
NARKOSOID  
NCI-C04546  
NIALK  
PERM-A-CHLOR  
PERM-A-CLOR  
PETZINOL  
PHILEX  
RCRA WASTE NUMBER U228  
TCE  
THRETHYLEN  
THRETHYLENE  
TRETHYLENE  
TRI  
TRIAD  
TRIAL  
TRIASOL  
TRICHOORETHEEN  
TRICHOORETHYLEEN, TRI  
TRICHLORAETHEN  
TRICHLORAETHYLEN, TRI  
TRICHLORAN  
TRICHLOREN  
TRICHLORETHENE  
TRICHLORETHYLENE  
TRICHLORETHYLENE, TRI  
TRICHLOROETHENE  
Trichloroethylene  
1,1,2-TRICHLOROETHYLENE  
1,2,2-TRICHLOROETHYLENE  
TRI-CLENE  
TRICLORETENE  
TRICLOROETILENE  
TRIELENE  
TRIELIN  
TRIELINA  
TRIKLONE  
TRILEN  
TRILENE  
TRILINE  
TRIMAR  
TRIOL  
TRI-PLUS  
TRI-PLUS M  
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