

Methyl chlorocarbonate; CASRN 79-22-1

Human health assessment information on a chemical substance is included in the IRIS database only after a comprehensive review of toxicity data, as outlined in the [IRIS assessment development process](#). Sections I (Health Hazard Assessments for Noncarcinogenic Effects) and II (Carcinogenicity Assessment for Lifetime Exposure) present the conclusions that were reached during the assessment development process. Supporting information and explanations of the methods used to derive the values given in IRIS are provided in the [guidance documents located on the IRIS website](#).

STATUS OF DATA FOR Methyl chlorocarbonate

File First On-Line 08/22/1988

Category (section)	Assessment Available?	Last Revised
Oral RfD (I.A.)	withdrawn	05/01/1989*
Inhalation RfC (I.B.)	not evaluated	
Carcinogenicity Assessment (II.)	not evaluated	

*A comprehensive review of toxicological studies was completed (2004) - please see section I.A. for more information.

I. Chronic Health Hazard Assessments for Noncarcinogenic Effects

I.A. Reference Dose for Chronic Oral Exposure (RfD)

Substance Name — Methyl chlorocarbonate
CASRN — 79-22-1

The RfD for methyl chlorocarbonate was withdrawn on 05/01/1989 pending further review by the RfD Work Group.

A comprehensive review of toxicological studies published prior to 2004 indicated that there is insufficient health effects data to derive an RfD for Methyl chlorocarbonate at this time.

EPA Contacts:

Please contact the IRIS Hotline for all questions concerning this assessment or IRIS, in general, at (202)566-1676 (phone), (202)566-1749 (FAX) or hotline.iris@epa.gov (internet address).

I.B. Reference Concentration for Chronic Inhalation Exposure (RfC)

Substance Name — Methyl chlorocarbonate
CASRN — 79-22-1

Not available at this time.

II. Carcinogenicity Assessment for Lifetime Exposure

Substance Name — Methyl chlorocarbonate
CASRN — 79-22-1

Not available at this time.

III. [reserved]

IV. [reserved]

V. [reserved]

VI. Bibliography

Substance Name — Methyl chlorocarbonate
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Not available at this time.

VII. Revision History

Substance Name — Methyl chlorocarbonate
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Date	Section	Description
08/22/1988	I.A.	Oral RfD summary on-line
05/01/1989	I.A.	Withdrawn pending further review
10/28/2003	I.A.	Screening-Level Literature Review Findings message has been added.
09/29/2004	I.A.	Screening-Level Literature Review Findings message has been removed and replaced by comprehensive literature review conclusions.

VIII. Synonyms

Substance Name — Methyl chlorocarbonate
CASRN — 79-22-1
Last Revised — 08/22/1988

- 79-22-1
- carbonochloridic acid, methyl ester
- chlorameisensaeure methylester
- chlorocarbonate de methyle
- chlorocarbonic acid methyl ester
- chloroformiate de methyle
- chloroformic acid methyl ester
- formic acid, chloro-, methyl ester
- MCF
- methoxycarbonyl chloride
- methylchloroformiaat
- Methyl chlorocarbonate
- methyl chloroformate
- methylester kyseliny chlormravenci
- methylester kyseliny chloruhlicite
- metilchloroformiato

- RCRA waste number U156
- TL 438
- UN 1238