

Radium 226,228; CASRN 7440-14-4

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 Radium 226,228

File First On-Line 06/30/1988

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	withdrawn	01/01/1989

I. Chronic Health Hazard Assessments for Noncarcinogenic Effects

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

Substance Name — Radium 226,228
CASRN — 7440-14-4

Not available at this time.

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

Substance Name — Radium 226,228
CASRN — 7440-14-4

Not available at this time.

II. Carcinogenicity Assessment for Lifetime Exposure

Substance Name — Radium 226,228
CASRN — 7440-14-4

The carcinogen assessment summary for this substance has been withdrawn pending further review by the CRAVE Agency Work Group.

Agency Work Group Review — 12/17/1986, 11/30/1988, 03/01/1989, 09/06/1989, 02/02/1993, 03/31/1993

Screening-Level Literature Review Findings — A screening-level review conducted by an EPA contractor of the more recent toxicology literature pertinent to the cancer assessment for Radium 226,228 conducted in September 2002 did not identify any critical new studies. IRIS users who know of important new studies may provide that information to the IRIS Hotline at hotline.iris@epa.gov or (202)566-1676.

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).

III. [reserved]

IV. [reserved]

V. [reserved]

VI. Bibliography

Substance Name — Radium 226,228
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Not available at this time.

VII. Revision History

Substance Name — Radium 226,228
CASRN — 7440-14-4

Date	Section	Description
01/01/1989	II.	Withdrawn pending further review
12/03/2002	II.	Screening-Level Literature Review Findings message has been added.

VIII. Synonyms

Substance Name — Radium 226,228
CASRN — 7440-14-4
Last Revised — 06/30/1988

- 7440-14-4
- HSDB 2146
- Radium
- Radium 226,228
- Radium (8CI)(9CI)