

Formic acid; CASRN 64-18-6

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 Formic acid

File First On-Line 01/31/1987

Category (section)	Assessment Available?	Last Revised
Oral RfD (I.A.)	withdrawn	12/01/1990
Inhalation RfC (I.B.)	not evaluated	
Carcinogenicity Assessment (II.)	not evaluated	

I. Chronic Health Hazard Assessments for Noncarcinogenic Effects

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

Substance Name — Formic acid

CASRN — 64-18-6

The RfD for formic acid has been withdrawn on 12/01/1990 pending further review by the RfD Work Group.

Screening-Level Literature Review Findings — A screening-level review conducted by an EPA contractor of the more recent toxicology literature pertinent to the RfD for Formic acid 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).

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

Substance Name — Formic acid
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Not available at this time.

II. Carcinogenicity Assessment for Lifetime Exposure

Substance Name — Formic acid
CASRN — 64-18-6

Not available at this time.

III. [reserved]

IV. [reserved]

V. [reserved]

VI. Bibliography

Substance Name — Formic acid
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Not available at this time.

VII. Revision History

Substance Name — Formic acid
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Date	Section	Description
12/01/1990	I.A.	Oral RfD withdrawn pending further review
12/03/2002	I.A.	Screening-Level Literature Review Findings message has been added.

VIII. Synonyms

Substance Name — Formic acid
CASRN — 64-18-6
Last Revised — 01/31/1987

- 64-18-6
- ACIDE FORMIQUE
- ACIDO FORMICO
- AMEISENSAEURE
- AMINIC ACID
- Formic Acid
- FORMYLIC ACID
- HYDROGEN CARBOXYLIC ACID
- KWAS METANIOWY
- METHANOIC ACID
- MIERENZUUR
- RCRA WASTE NUMBER U123
- UN 1779