

Dimethylamine; CASRN 124-40-3

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 Dimethylamine

File First On-Line 07/01/1990

Category (section)	Assessment Available?	Last Revised
Oral RfD (I.A.)	not evaluated	
Inhalation RfC (I.B.)	withdrawn	01/01/1991
Carcinogenicity Assessment (II.)	not evaluated	

I. Chronic Health Hazard Assessments for Noncarcinogenic Effects

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

Substance Name — Dimethylamine

CASRN — 124-40-3

Not available at this time.

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

Substance Name — Dimethylamine

CASRN — 124-40-3

The inhalation RfC for this substance has been withdrawn as a result of further review. A new RfC summary is in preparation by the RfD/RfC 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 RfC for Dimethylamine conducted in November 2001 identified one or more significant new studies. IRIS users may request the references for those studies from 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).

II. Carcinogenicity Assessment for Lifetime Exposure

Substance Name — Dimethylamine
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Not available at this time.

III. [reserved]

IV. [reserved]

V. [reserved]

VI. Bibliography

Substance Name — Dimethylamine
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Not available at this time.

VII. Revision History

Substance Name — Dimethylamine

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Date	Section	Description
07/01/1990	I.B.	Inhalation RfC summary on-line
01/01/1991	I.B.	Withdrawn;
12/03/2002	I.B.	Screening-Level Literature Review Findings message has been added.

VIII. Synonyms

Substance Name — Dimethylamine

CASRN — 124-40-3

Last Revised — 07/01/1990

- 124-40-3
- Dimethylamine
- DMA
- METHANAMINE, N-METHYL-
- N-METHYLMETHANAMINE
- RCRA WASTE NUMBER U092
- UN 1032
- UN 1160