



Toxicological Profile for 1,2-Dichloroethene

April 2025



U.S. Department of Health and Human Services
Agency for Toxic Substances and Disease Registry

DISCLAIMER

Use of trade names is for identification only and does not imply endorsement by the Agency for Toxic Substances and Disease Registry, the Public Health Service, or the U.S. Department of Health and Human Services.

FOREWORD

This toxicological profile is prepared in accordance with guidelines developed by the Agency for Toxic Substances and Disease Registry (ATSDR) and the Environmental Protection Agency (EPA). The original guidelines were published in the *Federal Register* on April 17, 1987. Each profile will be revised and republished as necessary.

The ATSDR toxicological profile succinctly characterizes the toxicologic and adverse health effects information for these toxic substances described therein. Each peer-reviewed profile identifies and reviews the key literature that describes a substance's toxicologic properties. Other pertinent literature is also presented, but is described in less detail than the key studies. The profile is not intended to be an exhaustive document; however, more comprehensive sources of specialty information are referenced.

The focus of the profiles is on health and toxicologic information; therefore, each toxicological profile begins with a relevance to public health discussion which would allow a public health professional to make a real-time determination of whether the presence of a particular substance in the environment poses a potential threat to human health. The adequacy of information to determine a substance's health effects is described in a health effects summary. Data needs that are of significance to the protection of public health are identified by ATSDR.

Each profile includes the following:

- (A) The examination, summary, and interpretation of available toxicologic information and epidemiologic evaluations on a toxic substance to ascertain the levels of significant human exposure for the substance due to associated acute-, intermediate-, and chronic-duration exposures;
- (B) A determination of whether adequate information on the health effects of each substance is available or in the process of development to determine levels of exposure that present a significant risk to human health due to acute-, intermediate-, and chronic-duration exposures; and
- (C) Where appropriate, identification of toxicologic testing needed to identify the types or levels of exposure that may present significant risk of adverse health effects in humans.

The principal audiences for the toxicological profiles are health professionals at the Federal, State, and local levels; interested private sector organizations and groups; and members of the public.

This profile reflects ATSDR's assessment of all relevant toxicologic testing and information that has been peer-reviewed. Staffs of the Centers for Disease Control and Prevention and other Federal scientists have also reviewed the profile. In addition, this profile has been peer-reviewed by a nongovernmental panel and was made available for public review. Final responsibility for the contents and views expressed in this toxicological profile resides with ATSDR.



Christopher M. Reh, Ph.D.

Associate Director

Agency for Toxic Substances and Disease Registry
Centers for Disease Control and Prevention

VERSION HISTORY

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CONTRIBUTORS & REVIEWERS

CHEMICAL MANAGER TEAM

Malcolm Williams, D.V.M., Ph.D. (Lead)
Gaston Casillas, Ph.D.
Sam Keith, M.S., C.H.P.
Mike Fay, Ph.D.

Julie M. Klotzbach, Ph.D.
Mario Citra, Ph.D.
Zachariah Guerrette, Ph.D., D.A.B.T.
Deborah Herber, Ph.D.
Ramsey Hanna, Ph.D.

ATSDR, Office of Innovation and Analytics,
Toxicology Section, Atlanta, GA

SRC, Inc., North Syracuse, NY

REVIEWERS

Interagency Minimal Risk Level Workgroup:

Includes ATSDR; National Center for Environmental Health (NCEH); National Institute for Occupational Safety and Health (NIOSH); U.S. Environmental Protection Agency (EPA); National Toxicology Program (NTP).

Additional reviews for science and/or policy:

ATSDR, Office of Community Health Hazard Assessment; ATSDR, Office of Capacity Development and Applied Prevention Science; ATSDR, Office of Science; NCEH, Division of Laboratory Sciences; NCEH, Division of Environmental Health Science and Practice; EPA, Office of Research and Development; EPA, Office of Water.

PEER REVIEWERS

1. Mary Beth Genter, Ph.D.; Professor, Department of Environmental Health; University of Cincinnati; Cincinnati, Ohio; peer-review of Confidential (1999, 2014, 2015a, 2015b, 2015c) studies only.
2. Matt Simcik, Ph.D.; Professor; Division of Environmental Health Sciences; School of Public Health; University of Minnesota; Minneapolis, Minnesota.
3. G.A. Shakeel Ansari, Ph.D.; Professor; Department of Pathology; University of Texas Medical Branch; Galveston, Texas.
4. Andrew J. Gow, MEd, Ph.D.; Professor of Pharmacology & Toxicology; Ernest Mario School of Pharmacy; Rutgers University; Piscataway, New Jersey; peer-review of Confidential (1999, 2014, 2015a, 2015b, 2015c) studies only.
5. Stephen M. Roberts, Ph.D.; Director, Center for Environmental & Human Toxicology; Professor, College of Veterinary Medicine; College of Medicine, and College of Public Health and Health Professions; University of Florida; Gainesville, Florida; peer-review of Confidential (1999, 2014, 2015a, 2015b, 2015c) studies only.

These experts collectively have knowledge of toxicology, chemistry, and/or health effects. All reviewers were selected in conformity with Section 104(I)(13) of the Comprehensive Environmental Response, Compensation, and Liability Act, as amended.

ATSDR scientists review peer reviewers' comments and determine whether changes will be made to the profile based on comments. The peer reviewers' comments and responses to these comments are part of the administrative record for this compound.

The listing of peer reviewers should not be understood to imply their approval of the profile's final content. The responsibility for the content of this profile lies with ATSDR.

CONTENTS

DISCLAIMER	ii
FOREWORD	iii
VERSION HISTORY	iv
CONTRIBUTORS & REVIEWERS	v
CONTENTS.....	vii
LIST OF FIGURES	ix
LIST OF TABLES.....	x
CHAPTER 1. RELEVANCE TO PUBLIC HEALTH	1
1.1 OVERVIEW AND U.S. EXPOSURES	1
1.2 SUMMARY OF HEALTH EFFECTS	2
1.3 MINIMAL RISK LEVELS (MRLs).....	6
CHAPTER 2. HEALTH EFFECTS.....	9
2.1 INTRODUCTION	9
2.2 DEATH	46
2.3 BODY WEIGHT	48
2.4 RESPIRATORY	49
2.5 CARDIOVASCULAR.....	50
2.6 GASTROINTESTINAL	51
2.7 HEMATOLOGICAL	51
2.8 MUSCULOSKELETAL.....	54
2.9 HEPATIC.....	54
2.10 RENAL.....	57
2.11 DERMAL.....	57
2.12 OCULAR	58
2.13 ENDOCRINE.....	59
2.14 IMMUNOLOGICAL	60
2.15 NEUROLOGICAL.....	61
2.16 REPRODUCTIVE.....	63
2.17 DEVELOPMENTAL	64
2.18 OTHER NONCANCER	65
2.19 CANCER	65
2.20 GENOTOXICITY	66
2.21 MECHANISM OF TOXICITY.....	71
CHAPTER 3. TOXICOKINETICS, SUSCEPTIBLE POPULATIONS, BIOMARKERS, CHEMICAL INTERACTIONS	72
3.1 TOXICOKINETICS.....	72
3.1.1 Absorption	73
3.1.2 Distribution.....	73
3.1.3 Metabolism	74
3.1.4 Excretion	77
3.1.5 Physiologically Based Pharmacokinetic (PBPK)/Pharmacodynamic (PD) Models	77
3.1.6 Animal-to-Human Extrapolations	79
3.2 CHILDREN AND OTHER POPULATIONS THAT ARE UNUSUALLY SUSCEPTIBLE	80
3.3 BIOMARKERS OF EXPOSURE AND EFFECT	81
3.3.1 Biomarkers of Exposure	82
3.3.2 Biomarkers of Effect	82

3.4	INTERACTIONS WITH OTHER CHEMICALS.....	82
CHAPTER 4. CHEMICAL AND PHYSICAL INFORMATION		83
4.1	CHEMICAL IDENTITY	83
4.2	PHYSICAL AND CHEMICAL PROPERTIES.....	83
CHAPTER 5. POTENTIAL FOR HUMAN EXPOSURE.....		87
5.1	OVERVIEW	87
5.2	PRODUCTION, IMPORT/EXPORT, USE, AND DISPOSAL	88
5.2.1	Production.....	88
5.2.2	Import/Export.....	89
5.2.3	Use	89
5.2.4	Disposal.....	90
5.3	RELEASES TO THE ENVIRONMENT.....	91
5.3.1	Air	91
5.3.2	Water	93
5.3.3	Soil.....	94
5.4	ENVIRONMENTAL FATE	94
5.4.1	Transport and Partitioning.....	94
5.4.2	Transformation and Degradation.....	96
5.5	LEVELS IN THE ENVIRONMENT	99
5.5.1	Air	101
5.5.2	Water	102
5.5.3	Sediment and Soil.....	113
5.5.4	Other Media.....	113
5.6	GENERAL POPULATION EXPOSURE.....	114
5.7	POPULATIONS WITH POTENTIALLY HIGH EXPOSURES.....	116
CHAPTER 6. ADEQUACY OF THE DATABASE.....		118
6.1	Information on Health Effects.....	118
6.2	Identification of Data Needs.....	118
6.3	Ongoing Studies.....	127
CHAPTER 7. REGULATIONS AND GUIDELINES		128
CHAPTER 8. REFERENCES		132
APPENDICES		
APPENDIX A. ATSDR MINIMAL RISK LEVELS AND WORKSHEETS.....		A-1
APPENDIX B. LITERATURE SEARCH FRAMEWORK FOR 1,2-DICHLOROETHENE.....		B-1
APPENDIX C. FRAMEWORK FOR ATSDR'S SYSTEMATIC REVIEW OF HEALTH EFFECTS DATA FOR 1,2-DICHLOROETHENE		C-1
APPENDIX D. USER'S GUIDE.....		D-1
APPENDIX E. QUICK REFERENCE FOR HEALTH CARE PROVIDERS		E-1
APPENDIX F. GLOSSARY		F-1
APPENDIX G. ACRONYMS, ABBREVIATIONS, AND SYMBOLS.....		G-1

LIST OF FIGURES

1-1. Health Effects Found in Animals Following Inhalation Exposure to trans-1,2-Dichloroethene.....	3
1-2. Health Effects Found in Animals Following Oral Exposure to trans-1,2-Dichloroethene.....	3
1-3. Summary of Sensitive Targets of trans-1,2-Dichloroethene – Inhalation	6
1-4. Summary of Sensitive Targets of trans-1,2-Dichloroethene – Oral	7
2-1. Overview of the Number of Studies Examining trans-1,2-Dichloroethene Health Effects.....	12
2-2. Overview of the Number of Studies Examining cis-1,2-Dichloroethene Health Effects.....	13
2-3. Overview of the Number of Studies Examining Mixtures of trans- and cis-1,2-Dichloroethene Health Effects	14
2-4. Levels of Significant Exposure to trans-1,2-Dichloroethene – Inhalation	17
2-5. Levels of Significant Exposure to trans-1,2-Dichloroethene – Oral.....	26
2-6. Levels of Significant Exposure to cis-1,2-Dichloroethene – Oral.....	36
2-7. Levels of Significant Exposure to Mixtures of cis- and trans-1,2-Dichloroethene – Inhalation	44
3-1. Postulated Metabolic Scheme for 1,2-Dichloroethene	75
5-1. Number of NPL Sites with 1,2-Dichloroethene Contamination.....	87
6-1. Summary of Existing Health Effects Studies on trans-1,2-Dichloroethene by Route and Endpoint	119
6-2. Summary of Existing Health Effects Studies on cis-1,2-Dichloroethene by Route and Endpoint	120
6-3. Summary of Existing Health Effects Studies for Mixtures of trans- and cis-1,2-Dichloroethene by Route and Endpoint	121

LIST OF TABLES

1-1. Minimal Risk Levels (MRLs) for trans-1,2-Dichloroethene	8
1-2. Minimal Risk Levels (MRLs) for cis-1,2-Dichloroethene	8
2-1. Levels of Significant Exposure to trans-1,2-Dichloroethene – Inhalation	15
2-2. Levels of Significant Exposure to trans-1,2-Dichloroethene – Oral.....	21
2-3. Levels of Significant Exposure to trans-1,2-Dichloroethene – Dermal.....	33
2-4. Levels of Significant Exposure to cis-1,2-Dichloroethene – Oral.....	34
2-5. Levels of Significant Exposure to Mixtures of cis- and trans-1,2-Dichloroethene – Inhalation	42
2-6. Genotoxicity of cis- and trans-1,2-Dichloroethene <i>In Vivo</i>	67
2-7. Genotoxicity of cis- and trans-1,2-Dichloroethene <i>In Vitro</i>	68
3-1. Optimized Values for Metabolism Parameters in the Lilly et al. (1998) Rat PBPK Model of 1,2-Dichloroethene	77
4-1. Chemical Identity of Isomers of 1,2-Dichloroethene	84
4-2. Physical and Chemical Properties of cis- and trans-1,2-Dichloroethene.....	85
5-1. Facilities that Produce, Process, or Use 1,2-Dichloroethene	89
5-2. Releases to the Environment from Facilities that Produce, Process, or Use 1,2-Dichloro- ethene.....	91
5-3. Lowest Limit of Detection for 1,2-Dichloroethene Based on Standards.....	100
5-4. 1,2-Dichloroethene, cis-1,2-Dichloroethene, and trans-1,2-Dichloroethene Levels in Water, Soil, and Air of National Priorities List (NPL) Sites.....	100
5-5. Summary of Annual Concentration of cis-1,2-Dichloroethene (ppbv) Measured in Ambient Air at Locations Across the United States.....	101
5-6. Historical Air Monitoring Data for 1,2-Dichloroethene in the United States.....	103
5-7. Water Monitoring Data for 1,2-Dichloroethene	105
5-8. Levels of trans-1,2-Dichloroethene in FDA Total Diet Studies	114
7-1. Regulations and Guidelines Applicable to 1,2-Dichloroethene.....	128