

TOXICOLOGICAL PROFILE FOR
1,2-DIPHENYLHYDRAZINE

Agency for Toxic Substances and Disease Registry
U.S. Public Health Service

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DISCLAIMER

The use of company or product name(s) is for identification only and does not imply endorsement by the Agency for Toxic Substances and Disease Registry.

FOREWORD

The Superfund Amendments and Reauthorization Act (SARA) of 1986 (Public Law 99-499) extended and amended the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA or Superfund). This public law directed the Agency for Toxic Substances and Disease Registry (ATSDR) to prepare toxicological profiles for hazardous substances which are most commonly found at facilities on the CERCLA National Priorities List and which pose the most significant potential threat to human health, as determined by ATSDR and the Environmental Protection Agency (EPA). The lists of the 250 most significant hazardous substances were published in the Federal Register on April 17, 1987, on October 20, 1988, on October 26, 1989, and on October 17, 1990.

Section 104(i)(3) of CERCLA, as amended, directs the Administrator of ATSDR to prepare a toxicological profile for each substance on the list. Each profile must include the following content:

- (A) An examination, summary, and interpretation of available toxicological information and epidemiological evaluations on the hazardous substance in order to ascertain the levels of significant human exposure for the substance and the associated acute, subacute, and chronic health effects,
- (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 which present a significant risk to human health of acute, subacute, and chronic health effects, and
- (C) Where appropriate, an identification of toxicological testing needed to identify the types or levels of exposure that may present significant risk of adverse health effects in humans.

This toxicological profile is prepared in accordance with guidelines developed by ATSDR and EPA. The original guidelines were published in the Federal Register on April 17, 1987. Each profile will be revised and republished as necessary, but no less often than every three years, as required by CERCLA, as amended.

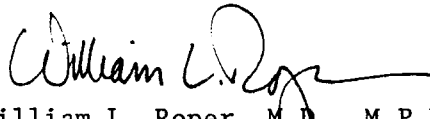
The ATSDR toxicological profile is intended to characterize succinctly the toxicological and adverse health effects information for the hazardous substance being described. Each profile identifies and reviews the key literature (that has been peer-reviewed) that describes a hazardous substance's toxicological properties. Other pertinent literature is also presented but 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.

Foreword

Each toxicological profile begins with a public health statement, which describes in nontechnical language a substance's relevant toxicological properties. Following the public health statement is information concerning significant health effects associated with exposure to the substance. The adequacy of information to determine a substance's health effects is described. Data needs that are of significance to protection of public health will be identified by ATSDR, the National Toxicology Program (NTP) of the Public Health Service, and EPA. The focus of the profiles is on health and toxicological information; therefore, we have included this information in the beginning of the document.

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 our assessment of all relevant toxicological testing and information that has been peer reviewed. It has been reviewed by scientists from ATSDR, the Centers for Disease Control, the NTP, and other federal agencies. It has also been reviewed by a panel of nongovernment peer reviewers and is being made available for public review. Final responsibility for the contents and views expressed in this toxicological profile resides with ATSDR.



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Disease Registry

CONTENTS

FOREWORD	iii
LIST OF FIGURES.	ix
LIST OF TABLES	xi
1. PUBLIC HEALTH STATEMENT.	1
1.1 WHAT IS 1,2-DIPHENYLHYDRAZINE?.	1
1.2 HOW MIGHT I BE EXPOSED TO 1,2-DIPHENYLHYDRAZINE?.	1
1.3 HOW CAN 1,2-DIPHENYLHYDRAZINE ENTER AND LEAVE MY BODY?.	2
1.4 HOW CAN 1,2-DIPHENYLHYDRAZINE AFFECT MY HEALTH?	2
1.5 WHAT LEVELS OF EXPOSURE HAVE RESULTED IN HARMFUL HEALTH EFFECTS?.	3
1.6 IS THERE A MEDICAL TEST TO DETERMINE WHETHER I HAVE BEEN EXPOSED TO 1,2-DIPHENYLHYDRAZINE?	3
1.7 WHAT RECOMMENDATIONS HAS THE FEDERAL GOVERNMENT MADE TO PROTECT HUMAN HEALTH?	3
1.8 WHERE CAN I GET MORE INFORMATION?	3
2. HEALTH EFFECTS	9
2.1 INTRODUCTION.	9
2.2 DISCUSSION OF HEALTH EFFECTS BY ROUTE OF EXPOSURE	9
2.2.1 Inhalation Exposure.	10
2.2.1.1 Death	10
2.2.1.2 Systemic Effects.	10
2.2.1.3 Immunological Effects	10
2.2.1.4 Neurological Effects.	10
2.2.1.5 Developmental Effects	10
2.2.1.6 Reproductive Effects.	10
2.2.1.7 Genotoxic Effects	10
2.2.1.8 Cancer.	10
2.2.2 Oral Exposure.	10
2.2.2.1 Death	10
2.2.2.2 Systemic Effects.	15
2.2.2.3 Immunological Effects	18
2.2.2.4 Neurological Effects.	18
2.2.2.5 Developmental Effects	18
2.2.2.6 Reproductive Effects.	18
2.2.2.7 Genotoxic Effects	18
2.2.2.8 Cancer.	19
2.2.3 Dermal Exposure.	19
2.2.3.1 Death	19
2.2.3.2 Systemic Effects.	19
2.2.3.3 Immunological Effects	20
2.2.3.4 Neurological Effects.	20
2.2.3.5 Developmental Effects	20
2.2.3.6 Reproductive Effects.	20
2.2.3.7 Genotoxic Effects	20
2.2.3.8 Cancer.	20

2.3	TOXICOKINETICS	20
2.3.1	Absorption	20
2.3.1.1	Inhalation Exposure	20
2.3.1.2	Oral Exposure	20
2.3.1.3	Dermal Exposure	21
2.3.2	Distribution	21
2.3.2.1	Inhalation Exposure	21
2.3.2.2	Oral Exposure	21
2.3.2.3	Dermal Exposure	21
2.3.3	Metabolism	21
2.3.4	Excretion.	23
2.3.4.1	Inhalation Exposure	23
2.3.4.2	Oral Exposure	23
2.3.4.3	Dermal Exposure	23
2.4	RELEVANCE TO PUBLIC HEALTH.	23
2.5	BIOMARKERS OF EXPOSURE AND EFFECT	28
2.5.1	Biomarkers Used to Identify or Quantify Exposure to 1,2-Diphenylhydrazine	29
2.5.2	Biomarkers Used to Characterize Effects Caused by 1,2-Diphenylhydrazine	29
2.6	INTERACTIONS WITH OTHER CHEMICALS	29
2.7	POPULATIONS THAT ARE UNUSUALLY SUSCEPTIBLE.	30
2.8	ADEQUACY OF THE DATABASE.	30
2.8.1	Existing Information on Health Effects of 1,2-Diphenylhydrazine.	30
2.8.2	Identification of Data Needs	32
2.8.3	On-going Studies	35
3.	CHEMICAL AND PHYSICAL INFORMATION.	37
3.1	CHEMICAL IDENTITY	37
3.2	PHYSICAL AND CHEMICAL PROPERTIES.	37
4.	PRODUCTION, IMPORT, USE, AND DISPOSAL.	41
4.1	PRODUCTION.	41
4.2	IMPORT.	41
4.3	USE	41
4.4	DISPOSAL.	42
5.	POTENTIAL FOR HUMAN EXPOSURE	43
5.1	OVERVIEW.	43
5.2	RELEASES TO THE ENVIRONMENT	43
5.2.1	Air.	43
5.2.2	Water.	43
5.2.3	Soil	43
5.3	ENVIRONMENTAL FATE.	45
5.3.1	Transport and Partitioning	45
5.3.2	Transformation and Degradation	45
5.3.2.1	Air	45
5.3.2.2	Water	45
5.3.2.3	Soil.	46

5.4	LEVELS MONITORED OR ESTIMATED IN THE ENVIRONMENT	46
5.4.1	Air.	47
5.4.2	Water.	47
5.4.3	Soil	48
5.4.4	Other Media.	48
5.5	GENERAL POPULATION AND OCCUPATIONAL EXPOSURE.	48
5.6	POPULATIONS WITH POTENTIALLY HIGH EXPOSURE.	49
5.7	ADEQUACY OF THE DATABASE.	49
5.7.1	Identification of Data Needs	49
5.7.2	On-Going Studies	51
6.	ANALYTICAL METHODS	53
6.1	BIOLOGICAL MATERIALS.	53
6.2	ENVIRONMENTAL SAMPLES	53
6.3	ADEQUACY OF THE DATABASE.	55
6.3.1	Identification of Data Needs	55
6.3.2	On-going Studies	56
7.	REGULATIONS AND ADVISORIES	57
8.	REFERENCES	59
9.	GLOSSARY	67
	APPENDIX	71

LIST OF FIGURES

2-1.	Levels of Significant Exposure to 1,2-Diphenylhydrazine - Oral	14
2-2.	Metabolic Scheme of 1,2-Diphenylhydrazine.	22
2-3.	Existing Information on Health Effects of 1,2-Diphenylhydrazine. .	31
5-1.	Frequency of Sites with 1,2-Diphenylhydrazine Contamination. . . .	44

LIST OF TABLES

1-1.	Human Health Effects from Breathing 1,2-Diphenylhydrazine.	4
1-2.	Animal Health Effects from Breathing 1,2-Diphenylhydrazine	5
1-3.	Human Health Effects from Eating or Drinking 1,2-Diphenylhydrazine.	6
1-4.	Animal Health Effects from Eating or Drinking 1,2-Diphenylhydrazine.	7
2-1.	Levels of Significant Exposure to 1,2-Diphenylhydrazine - Oral . . .	12
2-2.	Genotoxicity of 1,2-Diphenylhydrazine - <u>In Vitro</u>	26
2-3.	Genotoxicity of 1,2-Diphenylhydrazine - <u>In Vivo</u>	27
3-1.	Chemical Identity of 1,2-Diphenylhydrazine	38
3-2.	Physical and Chemical Properties of 1,2-Diphenylhydrazine.	39
7-1.	Regulations and Guidelines Applicable to 1,2-Diphenylhydrazine . . .	58

