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on Existing Chemicals of
Environmental Relevance (BUA)

Acrylonitrile

BUA Report 142

(August 1993)



S. Hirzel

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Umweltrelevante Altstoffe (BUA)



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Foreword

The German Chemicals Act (Chemikaliengesetz - ChemG) of 1980 stipulates that certain existing chemicals must be reported to the competent authority, if they exhibit properties which indicate that they may be hazardous, either alone or in combination with other substances.

In the summer of 1982, an Advisory Committee on Existing Chemicals of Environmental Relevance (BUA) was set up by the German Chemical Society (Gesellschaft Deutscher Chemiker - GDCh). It brings together representatives from the scientific community, the chemical industry and the governmental authorities. This Advisory Committee is responsible for elaborating appropriate solutions for substances of relevance for health and the environment on the basis of voluntary measures. It selects and examines existing chemicals from the aforementioned angles. The testing and evaluation are based on scientific criteria alone.

It was, therefore, necessary to develop priority setting procedures. In a first phase reports were only prepared for priority chemicals. Within the framework of a first priority setting procedure, chemicals were compiled from several priority lists and 135 chemicals were selected for detailed substance reports.

In a second priority setting procedure the survey of the German Chemical Industry Association (VCI) on all substances with a production volume of more than 10 tons per year was used as a starting list. Since this survey covered 4,600 chemicals, BUA decided to process the corresponding list in several stages. The first stage included approx. 1,050 substances with a production volume of more than 1,000 tons per year.

Detailed reports are drawn up on chemicals suspected of having a hazard potential and abridged reports on those presenting only a minor hazard potential, according to the current state of knowledge.

The detailed BUA reports take in both the published literature and data from industry. If data for the evaluation of the chemicals are not available, additional studies are recommended and the results are published as updates to the reports. The reports serve as a basis for the instigation of administrative measures, when there are indications of risks to health or the environment.

Tübingen, May 1993

Ernst Bayer
Chairman of the Advisory Committee
on Existing Chemicals
of Environmental Relevance

Contents

Acrylonitrile

Summary and Conclusions	XI
Recommendations	XXI
1. Chemistry of the Substance	1
1.1 Chemical Identity	1
1.2 Composition of the Technical Product	1
1.3 Chemical Properties	4
2. Physical Properties	6
3. Analysis	8
3.1 Determination in Air	8
3.2 Determination in Water	10
3.3 Determination in Soil, Sediment and Biological Material	11
3.3.1 Soil and Sediment	11
3.3.2 Biological Material	11
4. Emission into the Environment during Production, Processing, Use and Waste Disposal	14
4.1 Production Methods	14
4.2 Manufacturers and Processors, Production Quantities, Export, Import, Total Consumption	14
4.2.1 Total Consumption in the Federal Republic of Germany	17
4.3 Processing, Use, Quantities Consumed	17
4.3.1 Processing	17
4.3.1.1 Polyacrylonitrile (PAN) and Polyacrylonitrile Fibres	18
4.3.1.2 Acrylonitrile-Butadiene-Styrene Plastics (ABS), Acrylonitrile-Styrene Plastics (SAN) and Polymer Dispersions	20
4.3.1.3 Adiponitrile	21

4.3.1.4	Acrylonitrile-Butadiene Rubber (Nitrile Rubber, NBR) and NBR-Latex as well as SB-Latex	22
4.3.1.5	Acrylamide and Polyacrylamide	24
4.3.1.6	Fatty Amines, Fatty Alcohols and Other Products	25
4.3.2	Use	26
4.4	Emission into the Atmosphere	26
4.4.1	Emission during Production and Processing	26
4.4.1.1	Emission during Production	28
4.4.1.2	Emission during Processing	30
4.4.1.2.1	Production of Polyacrylonitrile and Polyacrylonitrile Fibres	30
4.4.1.2.2	Production of Plastics (ABS, SAN, Polymer Dispersions etc.)	31
4.4.1.2.3	Production of Rubber and Latex	31
4.4.1.2.4	Production of Acrylamide	32
4.4.1.2.5	Production of Fatty Amines, Fatty Alcohols and Other Products	32
4.4.2	Emission from Use	32
4.5	Emission into the Hydrosphere	33
4.5.1	Emission during Production and Processing	33
4.5.1.1	Emission during Production	33
4.5.1.2	Emission during Processing	34
4.5.1.2.1	Production of Polyacrylonitrile and Polyacrylonitrile Fibres	34
4.5.1.2.2	Production of Plastics (ABS, SAN, Polymer Dispersions etc.)	35
4.5.1.2.3	Production of Rubber and Latex	36
4.5.1.2.4	Production of Acrylamide	36
4.5.1.2.5	Production of Fatty Amines, Fatty Alcohols and Other Products	37
4.5.2	Emission from Use	37
4.6	Emission into the Geo- and Biosphere	37
4.6.1	Emission into the Geosphere	37
4.6.2	Emission into the Biosphere	38
4.6.3	Emission via Migrators	38
4.7	Emission through Wastes and Their Treatment	38
4.8	Balance of Environmental Emissions	40
5.	Environmental Occurrence	45
5.1	Atmosphere	45
5.1.1	Occurrence in Ambient Air	45
5.1.2	Occurrence in Workplace Air	47

5.2	Hydrosphere	50
5.2.1	Occurrence in Water	50
5.2.2	Occurrence in Sediment	52
5.2.3	Occurrence in Sewage Sludge	52
5.3	Geosphere	52
5.4	Biosphere	53
5.4.1	Urine	53
5.4.2	Fond, Packaging and Migrators	54
5.4.3	Cigarette Smoke	57
5.5	Occurrence in Outer Space	57
5.6	Natural Sources	57
6.	Environmental Behaviour	58
6.1	Transformation, Degradation and Degradation Products	58
6.1.1	Biodegradation	58
6.1.1.1	Aerobic Degradation	58
6.1.1.2	Anaerobic Degradation	63
6.1.2	Hydrolytic Degradation	65
6.1.3	Hydrolytical Oxidative Degradation of Acrylonitrile during the Wet-Oxidation Process	65
6.1.4	Photochemical Degradation	65
6.1.4.1	Photochemical Degradation in the Hydrosphere	65
6.1.4.2	Photochemical Degradation under Tropospheric Conditions	66
6.2	Accumulation	67
6.2.1	Bioaccumulation	67
6.2.2	Geoaccumulation	68
6.3	Distributional Behaviour and Transport Processes within and between Environmental Compartments	68
6.3.1	Henry's Law Constant	68
6.3.2	n-Octanol/Water Partition Coefficient	69
6.3.3	Soil Sorption Coefficients	69
6.4	Environmental Fate	69
7.	Ecotoxicology	71
7.1	Effects on Aquatic Organisms	71
7.1.1	Microorganisms	71

7.1.2	Plants	72
7.1.3	Invertebrates	73
7.1.4	Vertebrates	76
7.2	Effects on Terrestrial Organisms	82
7.2.1	Microorganisms	82
7.2.2	Plants	82
7.2.3	Invertebrates	82
7.2.4	Vertebrates	84
7.3	Effects on Ecosystems	84
8.	Toxicity in Warm-Blooded Organisms	85
8.1	General Effects	85
8.2	Mode of Action	86
8.3	Metabolism and Toxicokinetics	89
8.3.1	Absorption	89
8.3.2	Distribution	90
8.3.3	Biotransformation	92
8.3.4	Macromolecular Binding	96
8.3.5	Excretion	98
8.3.6	Quantitative Aspects of Biotransformation and Excretion	99
8.3.6.1	Dosage-Dependent Effects	99
8.3.6.2	Species-Dependent Effects	100
8.3.6.3	Time-Dependent Excretion of Acrylonitrile Metabolites	102
8.3.6.4	Effects of the Application Route	102
8.4	Acute Toxicity	103
8.5	Skin and Mucous Membrane Tolerance	104
8.6	Sensitizing Effect	105
8.7	Subacute, Subchronic and Chronic Toxicity	105
8.8	Genotoxicity	107
8.9	Carcinogenicity	109
8.9.1	Long-Term Studies	109
8.9.2	Short-Term Tests	111
8.10	Reproductive Toxicity	111
8.11	Other Effects	113
8.11.1	Cytotoxic Effects	113
8.11.2	Effects on the Immune System	114

8.11.3	Effects on Enzymatic Parameters of the Liver and Leukocytes	114
8.11.4	Possibilities of Biological Monitoring of Acrylonitrile	114
8.11.5	Effect of Antidotes	115
8.12	Experiences with Humans	116
8.12.1	Metabolism	116
8.12.2	Acute Intoxication	117
8.12.3	Chronic Intoxication	118
8.12.4	Epidemiological Data	119
8.12.5	Mutagenicity	120
9.	Substance-Specific Legal Regulations	121
10.	Tables for Chapter 8	129
11.	Literature	178