

Contents

Foreword by the Director General	6
The History of the Collections of Chemistry and Food Industry of the National Technical Museum (<i>Jan Palas</i>)	9
Introduction	17
Raw Materials Stand at the Beginning	20
Production and Technology	22
Packaging and Transport	25
Products	30
Air and Water	33
Air	33
Water – the Life-Giving Liquid	36
Hygiene	41
Soaps	41
Toothbrushes and Toothpastes	46
Laundry Washing	48
Cosmetics – the Way to Beauty	51
Foodstuffs	57
A Few Introductory Words	57
Storing, Packaging and Conservation of Food Products	59
Food Additives	61
Biotechnologies	67
Dairying	70
Alcohol and Wine Industry	73
Beer Brewing	75
Sugar Industry	82
Sugar Industry and the National Technical Museum	87

Medicines	97
Materials	107
Wood, Paper and Cellulose	119
Metals	126
Nonmetals	140
Glass, Ceramics and Porcelain	154
Polymers	161
Textile Fibres	184
Dyes and Pigments	195
Transport	205
Cars	205
Aircraft	213
Propellants	220
Tyres	223
Leisure Time	231
Toys	231
Sport	240
Alchemy (<i>Jan Palas</i>)	247
What Shall We Call Them in Czech?	265
Jaroslav Heyrovský – a Winner of the Nobel Prize for Chemistry	271
The Museum's Collections under the Microscope (<i>Ivana Kopecká</i>)	275
Notes	290
Bibliographic References	294
List of Exhibits	396