

CONTENTS

Acetaldehyde	1
Acetanilid	8
Acetic acid	11
Acetic anhydride	21
Acetone	27
Acetylene	34
Acrylonitrile	42
Adipic acid	47
Alkylamines	53
Alkyl aryl sulfonate	60
Alum (crystal)	67
Aluminum chloride	70
Aluminum sulfate	75
Ammonia	80
Ammonium chloride	87
Ammonium nitrate	91
Ammonium sulfate	96
Amyl acetate	102
Amyl alcohol	107
Aniline	115
Anthraquinone	122
Aspirin	126
Barium carbonate	129
Benzaldehyde	133
Benzene	138
Benzene hexachloride	147
Benzoic acid	151
Beta-naphthol	156
Boric acid	161
Bromine	165
Butadiene	171
Butyl acetate	179
Butyl alcohol	184
Butyraldehyde	190
Calcium chloride	195
Calcium phosphate	200

Calcium sulfate	205
Carbon black	210
Carbon dioxide	219
Carbon disulfide	228
Carbon tetrachloride	233
Carboxymethyl cellulose	238
Cellulose acetate	242
Cellulose nitrate	247
Chloral	252
Chlorine	257
Chlorobenzene and dichlorobenzene	265
Chloroform	271
Chromic acid	277
Citric acid	281
Coke and coal gas	286
Copper sulfate	293
Cresol	297
Crotonaldehyde	305
Dialkyl phthalates	309
Dichlorodifluoromethane	316
Dichlorodiphenyltrichloroethane (DDT)	321
2,4-Dichlorophenoxyacetic acid (2,4-D)	326
Diphenylamine	330
Ethanolamines	334
Ether	339
Ethyl acetate	343
Ethyl alcohol	347
Ethyl chloride	361
Ethylene	366
Ethylene dichloride	372
Ethylene glycol	376
Ethylene oxide	383
Ferrous sulfate	389
Formaldehyde	393
Formic acid	400
Furfural	404
Glycerine	408
Hexamethylenetetramine	418
Hydrazine	422
Hydrochloric acid	426

Hydrofluoric acid	434
Hydrogen	440
Hydrogen cyanide	453
Hydrogen peroxide	461
Iodine	468
Isopropyl alcohol	474
Lactic acid	479
Lime	484
Litharge	491
Lithium carbonate	495
Maleic anhydride	500
Methyl alcohol	505
Methyl chloride and methylene dichloride	510
Methyl ethyl ketone	517
Methyl isobutyl ketone	520
Monosodium glutamate	523
Naphthalene	529
Nitric acid	535
Nitrobenzene	542
Nitroparaffins	546
Oxalic acid	550
Oxygen	556
Penicillin	564
Pentaerythritol	572
Perchloroethylene	577
Phenol	581
Phosphoric acid	592
Phosphorus	602
Phosphorus oxychloride	607
Phthalic anhydride	610
Polyethylene	617
Potassium chlorate	624
Potassium chloride	628
Potassium permanganate	635
Pyridine	640
Salicylic acid	646
Sodium	650
Sodium bicarbonate	654
Sodium carbonate	658
Sodium chlorate	665

Sodium chloride	671
Sodium chromate and sodium dichromate	680
Sodium hydroxide	685
Sodium phosphate	695
Sodium silicate	703
Sodium sulfate	708
Sodium thiosulfate	714
Sorbitol	718
Stearic acid	722
Styrene	730
Sulfur	737
Sulfuric acid	743
Tetraethyl lead	752
Titanium dioxide	756
Toluene	761
2,4-Tolylene diisocyanate	769
Trichloroethylene	773
Tricresyl phosphate	777
Urea	781
Vanillin	787
Vinyl acetate	794
Vinyl chloride	798
Xylene	804
Zinc oxide	810
Company Index	817
Subject Index	825