





***ENCYCLOPEDIA OF  
INDUSTRIAL CHEMICAL ADDITIVES***  
**VOLUME I**

*Compiled by*  
**Michael and Irene Ash**

*Chemical Publishing Co., Inc.*  
*New York, N.Y.*

# **Encyclopedia of Industrial Chemical Additives, Volume 1**

© 2011 by Chemical Publishing Co., Inc. All rights reserved. This book is protected by copyright. No part of it may be reproduced, stored in a retrieval system or transmitted in any form or by any means; electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of the publisher.

ISBN: 978-0-8206-0080-2

Chemical Publishing Company:  
[www.chemical-publishing.com](http://www.chemical-publishing.com)  
[www.chemicalpublishing.net](http://www.chemicalpublishing.net)

First Edition:

© **Chemical Publishing Company, Inc.** - New York 1984

Second Impression:

**Chemical Publishing Company, Inc.** - 2011

Printed in the United States of America

## ***PREFACE***

This three-volume Encyclopedia is a comprehensive compilation of tradename products that function as additives in enhancing the properties of various major industrial products. With the cooperation of numerous national and international chemical companies, complete information on all applicable properties of these additives has been organized using technical data sheets and product bulletins as source material.

The Encyclopedia is divided alphabetically into sections based on principal function. As many of these additive products have many uses, extensive cross-referencing is provided. Under each category the tradename products are also listed alphabetically. An index to all tradename products is provided for each volume so that any additive can be found without knowing its principal function.

We believe that this Encyclopedia will prove to be an invaluable reference tool for chemists, engineers, and all those associated with the chemical manufacturing industry. We would like to thank all those companies who made this work possible through their contributions and we would like to also extend our warmest heartfelt thanks to Roberta Dakan who has devoted herself to helping make this work as accurate and consistent as possible.

#### **NOTE**

Unless otherwise specified, when the temperatures are not given for properties such as viscosity, density, solubility, etc., a standard temperature of 25 C is to be assumed.

# **CONTENTS**

Absorbents . . . . .	1
Accelerators . . . . .	4
Activators . . . . .	17
Adsorbents . . . . .	21
Antibleeding Agents . . . . .	24
Anticaking Agents . . . . .	25
Antifloating Agents . . . . .	29
Antifoulants . . . . .	30
Antimicrobials . . . . .	32
Antioxidants . . . . .	67
Antiozonants . . . . .	97
Antiskinning Agents . . . . .	100
Antisoilants . . . . .	103
Antistats . . . . .	104
Aromatics . . . . .	145
Binders . . . . .	146
Blowing Agents . . . . .	181
Bonding Agents . . . . .	196
Carriers . . . . .	203
Catalysts . . . . .	208
Chelating Agents . . . . .	234
Coagulants . . . . .	254
Conditioners . . . . .	255
Corrosion Inhibitors . . . . .	298
Coupling Agents . . . . .	360
Cross-linking Agents . . . . .	370
Curing Agents . . . . .	381
Deactivators . . . . .	393
Defoamers . . . . .	397
Index . . . . .	444

## **CONTRIBUTORS**

Abbott Laboratories  
1400 Sheridan Rd.  
N. Chicago, IL 60064

Aceto Chemical  
126-02 Northern Blvd.  
Flushing, NY 11368

ACL, Inc.  
1960 E. Devon Ave.  
Elk Grove Village, IL 60007

Air Products & Chemicals, Inc.  
Box 538  
Allentown, PA 18105

Akzo Chemical  
P.O. Box 186  
LS Arnhem  
Netherlands 6800

Albright & Wilson (Australia) Ltd.  
Box 4544  
GPO Melbourne 3001  
Australia

Albright & Wilson Ltd.  
Marchon Works  
Whitehaven, Cumbria, CA28 9QQ  
England

Alcolac Inc.  
3440 Fairfield Rd.  
Baltimore, MD 21226

Alconox Inc.  
217 Park Ave. S.  
New York, NY 10003

Alkaril Chemical, Inc.  
P.O. Box 1010  
Industrial Park  
Winder, GA 30680

Alox Corp.  
4953 Buffalo Ave.  
Niagara Falls, NY 14302

Amerchol Corp.  
(Unit of CPC International Inc.)  
P.O. Box 351  
Talmadge Road  
Edison, NJ 08902

American Can Co.  
American Lane  
Greenwich, CT 06830

American Color & Chemical Corp.  
11400 Westinghouse Blvd.  
Charlotte, NC 28232

American Cyanamid Co.  
Polymer & Chem. Dept.  
Berdan Ave.  
Wayne, NJ 07470



American Hoechst Corp.  
Plastics Div.  
Rt. 202-206 North  
Somerville, NJ 08876

Argus Chemical Div./  
Witco Chemical Corp.  
1633 Court St.  
Brooklyn, NY 11231

Arkansas Co., Inc.  
Box 210  
Newark, NJ 07101

Armak Co.—Industrial Chemicals  
P.O. Box 1805  
Chicago, IL 60690

Armstrong Chemical Co., Inc.  
1530 South Jackson St.  
Janesville, WI 53545

Atlas Refinery, Inc.  
140 Lockwood St.  
Newark, NJ 07105

BASF AG  
Carl-Bosch-Str. 36  
6700 Ludwigshafen  
Germany

BASF Wyandotte Corp.  
100 Cherry Hill Rd.  
P.O. Box 181  
Parsippany, NJ 07054

Basic Chemical  
845 Hanna Bldg.  
Cleveland, OH 44115

Bayer AG  
Division KL  
D-5090 Leverkusen  
Germany

Berol Kemie AB  
5-444 01 Stenungsund 1  
Sweden

BFC Chemical, Inc.  
4311 Lancaster Pike  
P.O. Box 2857  
Wilmington, DE 19805

Bio-Lab, Inc.  
P.O. Box 1489  
Decatur, GA 30031

Borden Chemical  
511 Lancaster St.  
Leominster, MA 01453

Borg Warner Chemical, Inc.  
International Ctr.  
Parkersburg, WV 26101

R.H. Carlson Co.  
41 Chestnut St.  
Greenwich, CT 06830

Carson Chemical, Inc.  
2779 East El Presidio  
Long Beach, CA 90810

Chemfax Inc.  
3 Rivers Rd.  
Gulfport, MS

Chemform Corp.  
1410 S.W. 8th St.  
Pompano Beach, FL 33061

Ciba-Geigy Corp.  
Dyestuff & Chemicals Div.  
P.O. Box 11422  
Greensboro, NC 27409

Cincinnati Milacron Chemical, Inc.  
West Street  
Reading, OH 45215

Cities Service Co.  
ICD, Cities Service Bldg.  
3445 Peachtree Rd., NE  
Atlanta, GA 30326

Clintwood Chemical Co.  
4342 S. Wolcott Ave.  
Chicago, IL 60609

Coastal Ind.  
190 Jony Dr.  
Carlstadt, NJ 07072

Conoco Chemicals  
Continental Oil Co.  
5 Greenway Plaza East  
P.O. Box 2197  
Houston, TX 77001

Colorado Chemical Specialties, Inc.  
5396 McIntyre St.  
Golden, CO 80401

Croda Chemical Co.  
51 Madison Ave.  
New York, NY 10010

Cyclo Chemical Corp.  
7500 N.W. 66th St.  
Miami, FL 33166

Degussa Corp.  
Rt. 46 at Hollister Rd.  
Teterboro, NJ 07608

Diamond Shamrock/Process Chemical Div.  
350 Mt. Kemble Ave.  
Morristown, NJ 07960

Dow Chemical Co.  
1703 S. Saginaw Road  
Midland, MI 48640

Drew Chemical Corp.  
One Drew Chemical Plaza  
Boonton, NJ 07005

Du Pont de Nemours, E.I. & Co.  
Specialty Chemicals & Products  
Nemours Bldg.  
Wilmington, DE 19898

Dutton & Reinisch Ltd.  
Crown House, London Road  
Morden, Surry SM45DU  
England

Eastman Chemical Products, Inc.  
P.O. Box 431  
Kingsport, TN 37662

Elektrochemische Fabrik  
Kempen GmbH  
P.O. Box 21  
4152 Kempen, West Germany

Emery Industries, Inc.  
1501 W. Elizabeth Ave.  
Linden, NJ 07036

Engelhard Min. & Chemical Corp.  
Menlo Park  
Edison, NJ 08817

Ethyl Corp.  
451 Florida Blvd.  
Baton Rouge, LA 70801

Fabri-Coate Co.  
P.O. Box 8835  
4500 Roger B. Chaffee Dr.  
Grand Rapids, MI 49508

The Fanning Corp.  
3117 N. Clybourn Ave.  
Chicago, IL 60618

Ferro Corp.  
Chemical Div.  
7050 Crick Rd.  
Bedford, OH 44146

Firestone Plastics Co.  
Div. of Firestone Tire & Rubber Co.  
Box 699  
Firestone Blvd.  
Pottstown, PA 19464

Floridin  
3 Penn Ctr.  
Pittsburgh, PA 15235

FMC Corp.  
2000 Market St.  
Philadelphia, PA 19103

Freeport Kaolin Co.  
200 Park Ave.  
New York, NY 10017

GAF Corp.  
140 West 51st St.  
New York, NY 10020

Givaudan Corp.  
100 Delawanna Ave.  
Clifton, NJ 07014

B F Goodrich Co.  
Chemical Div.  
6100 Oak Tree Blvd.  
Cleveland, OH 44131

Goodyear Tire & Rubber Co.  
1144 East Market St.  
Akron, OH 44316

W.R. Grace & Co./Organic Chem. Div.  
55 Hayden Ave.  
Lexington, MA 02173

Graden Chem. Co., Inc.  
426 Bryan St.  
Havertown, PA 19083

A. Gross & Co.  
652 Doremus Ave.  
Newark, NJ 07105

Harshaw Chemical Co.  
1945 E. 97th St.  
Cleveland, OH 44106

Hart Chemical Ltd.  
Guelph, Canada N1H 6K8

Hart Products Corp.  
173 Sussex St.  
Jersey City, NJ 07302

Harwick Chemical/Polymer Applications  
60 S. Seiberling St.  
Akron, OH 44305

Henkel Corp.  
Chemical Specialties Div.  
255 W. Spring Valley Ave.  
Maywood, NJ 07607

Hercules Inc.  
Wilmington, DE 19899

Hilton-Davis Chemical Co.  
2235 Langdon Farm Rd.  
Cincinnati, OH 45237

Hoechst AG  
6230 Frankfurt (M)80  
Frankfurt, West Germany

Hooker Chemical Corp./Ruco Div.  
1895 Mt. Hope Ave.  
P.O. Box 1011  
Rochester, NY 14603

Humko Chemical Div./Witco Chem.  
755 Crossover Lane  
Memphis, TN 38117

ICI Australia Petrochemicals Ltd.  
ICI House  
1 Nicholson St.  
Melbourne 3001 Australia

ICI United States  
Wilmington, DE 19897

IMC Chemical Group  
666 Garland Pl.  
Des Plaines, IL 60016

Inolex Corp.  
Personal Care Div.  
4221 S. Western Blvd.  
Chicago, IL 60609

Interstab Chemical Inc.  
500 Jersey Ave.  
New Brunswick, NJ 08903

Lankro Chemical Ltd.  
Eccles  
Manchester M30 0BH  
England

Lilachim S.A.  
Rue de Science 37 Wetenschapsstraat  
1040 Brussels, Belgium

Lipo Chemical Inc.  
207 19th Ave.  
Paterson, NJ 07504

Lonza, Inc.  
22-10 Route 208  
Fairlawn, NJ 07410

Lucidol Div./Pennwalt Corp.  
1740 Military Rd.  
Buffalo, NY

Mars Chemical Corp.  
762 Marietta Blvd. NW  
Atlanta, GA 30318

Mazer Chemical Inc.  
3938 Porett Dr.  
Gurnee, IL 60649

Merix Chemical Co.  
2234 East 75th St.  
Chicago, IL 60649

Miranol Chemical Co.  
68 Culver Rd.  
P.O. Box 411  
Dayton, NJ 08810

Mobay Chemical Co.  
Pittsburgh, PA 15205

Mona Industries Inc.  
76 E. 24th St.  
Paterson, NJ 07544

Monsanto Co.  
800 N. Lindbergh  
St. Louis, MO 63166

Neville Chemical Co.  
Neville Island  
Pittsburgh, PA 15225

Nippon Nyukazai Co. Ltd.  
19-9, 3-chome, Ginza  
Chuo-ku, Tokyo 104, Japan

Nippon Oil & Fats Co., Ltd.  
No. 5-1 chome, Yurakucho,  
Chiyoda-Ku, Tokyo, Japan

NL Industries, Inc.  
P.O. Box 700  
Hightstown, NJ 08520

Northern Petrochemical Co.  
2350 East Devon Ave.  
Des Plaines, IL 60018

Noury Chemical Corp.  
2153 Lockport-Olcott Rd.  
Burt, NY 14028

Oleofina SA  
33 Rue de la Loi  
1040 Brussels, Belgium

Onyx Chemical Co.  
Millmaster Onyx Group  
190 Warren St.  
Jersey City, NJ 07302

Otsuka Chemical Co., Ltd.  
200 Park Ave.  
New York, NY 10166

Patco Cosmetic Prod./C.J. Patterson Co.  
3947 Broadway  
Kansas City, MO 64111

Petrochemicals Co., Inc.  
P.O. Box 2199  
Ft. Worth, TX 76101

Pfanstichl Labs  
1219 Glenrock Ave.  
Waukegan, IL 60085

Pfizer Chemical Div.  
235 E. 42nd St.  
New York, NY 10017

Polymer Research Corp. of America  
2186 Mill Ave.  
Brooklyn, NY 11234

Polyvinyl Chemical Ind.  
730 Main St.  
Wilmington, MA 01887

PPG Industries  
One Gateway Ctr.  
Pittsburgh, PA 15222

The PQ Corp.  
P.O. Box 840  
Valley Forge, PA 19482

Premier Malt Products, Inc.  
1037 West McKinley Ave.  
Milwaukee, WI 53201

PVO International Inc.  
416 Division St.  
Boonton, NJ 07005

RCI Chemical Inc.  
RCI Building  
White Plains, NY 10603

Reed Ltd.  
Chemical Div.—Lignin Products  
P.O. Box 2025  
Quebec, P.Q., Canada

Rewo Chemical, Inc.  
107B Allen Blvd.  
E. Farmingdale, NY 11735

The Richardson Co.  
2400 Devon Ave.  
Des Plaines, IL 60018

Rogers Corp.  
Rogers, CT 06263

Rohm & Haas Co.  
Independence Mall West  
Philadelphia, PA 19105

Ryco, Inc.  
801 Washington St.  
Conshohocken, PA 19428

Sandoz Colors & Chemicals  
Hanover, NJ 07936

Sartomer Co.  
P.O. Box 799  
West Chester, PA 19380

Schenectady Chemical Inc.  
P.O. Box 1046  
Schenectady, NY 12301

Scher Chemicals  
1 Styertowne Rd.  
Clifton, NJ 07012

Scott Bader Co., Ltd.  
Wollaston, Wellingborough  
Northamptonshire NN9 7R1  
England

Shell Chemical Co.  
1 Shell Plaza  
Houston, TX 77002

Sherex Chemical Co., Inc.  
P.O. Box 646  
Dublin, OH 43017

Soluol Chem. Co.  
Green Hill & Market Sts.  
W. Warwick, RI 02893

Stauffer Chemical Co.  
P.O. Box 1110  
Long Beach, CA 90801

Stepan Chemical Co.  
Edens / Winnetka  
Northfield, IL 60093

SWS Silicone Corp.  
P.O. Box 428  
Adrian, MI 49221

Texaco Chemical Co.  
P.O. Box 15730  
Austin, TX 78761

Thermofil Inc.  
P.O. Box 489  
Brighton, MI 48816-0489

Thompson-Hayward Chem. Co.  
5200 Speaker Rd.  
P.O. Box 2383  
Kansas City, KA 66110

3M Co.  
3M Center Bldg.  
St. Paul, MN 55144

Tomah Products, Inc.  
1012 Terra Dr.  
Milton, WI 53563

Troy Chemical Corp.  
1 Ave. L  
Newark, NJ 07105

U.C.T., Inc.  
226 Production Ct.  
Louisville, KY 40299

Union Camp Corp.  
Chem. Div.  
1600 Valley Rd.  
Wayne, NJ 07470

Uniroyal Chemical  
Div. of Uniroyal Inc.  
Elm St.  
Naugatuck, CT 06770

Upjohn Polymer Chemical  
Box 685  
LaPorte, TX 77571

U.S. Peroxygen Div.  
Dept. A2  
850 Morton Ave.  
Richmond, CA 94804

R.T. Vanderbilt Co., Inc.  
39 Winfield St.  
Norwalk, CT 06855

Vikon Chemical Co., Inc.  
P.O. Box 1520  
Burlington, NC 27215

Wickhen Prod. Inc.  
Big Bond Rd.  
Huguenot, NY 12746

Witco Chemical Corp.  
Organics Div. & Sonneborn Div.  
277 Park Ave.  
New York, NY 10017

# **ABBREVIATIONS**

@	.....	at
ABS	.....	acrylonitrile-butadiene-styrene
aq.	.....	aqueous
ASTM	.....	American Society for Testing Materials
avail	.....	available
B.P.	.....	boiling pt.
BS	.....	British Standards
BS&D	.....	backwashed, settled, and drained
Btu	.....	British thermal unit
C	.....	Centigrade
Cal	.....	calories
cc	.....	cubic centimeter
CC	.....	closed cup
CD	.....	cross direction
charact.	.....	characteristics
chem.	.....	chemical
cm	.....	centimeter
COC	.....	Cleveland Open Cup
coeff.	.....	coefficient
comp.	.....	compound
compr.	.....	compressive
conc.	.....	concentrated
conduct.	.....	conductivity
const.	.....	constant
cps	.....	centipoise or cycles per second
defl. or deflect'n	.....	deflection
dg.	.....	decigram
dielec.	.....	dielectric
DIN	.....	Deutsche Industrie Normen
dissip.	.....	dissipation
distort.	.....	distortion
DMF	.....	dimethylformamide
DOT	.....	Department of Transportation
DWV	.....	drain, waste, and vent
elec.	.....	electrical
elong.	.....	elongation
EPDM	.....	ethylene propylene-diene monomer
esp.	.....	especially
EVA	.....	ethylene vinyl acetate
exp.	.....	expansion
F	.....	Fahrenheit
FAA	.....	Federal Aviation Agency
FB	.....	free base



FDA	Food and Drug Administration
flamm.	flammability
flex.	flexural
F.P.	freezing point
ft	foot
g	gram
G	giga
gal	gallon
gen'l.	general
gr.	gravity
GRP	glass-reinforced polyester
h	hour
HAF	high abrasion furnace carbon black
HB	horizontal burning
HC	hydrocarbon
hyd.	hydroxyl
hydrog.	hydrogenated
Hz	hertz
ICC	Interstate Commerce Commission
ignit.	ignition
in.	inch
incl.	including
insol.	insoluble
insul.	insulation
J	joule
k	kilo
kg.	kilogram
l.	liter
lb	pound
LDPE	low density polyethylene
m	milli or meter
M	mega
max.	maximum
MC	megacycle
MD	mold direction or machine direction
MDA	methylene disalicylic acid
mech.	mechanical
med.	medium
MEK	methyl ethyl ketone
mfg.	manufacturing
mg	milligram
MIBK	methyl isobutyl ketone
MIL	Military Specifications

mech.	mechanical
med.	medium
MEK	methyl ethyl ketone
mfg.	manufacturing
mg	milligram
MIBK	methyl isobutyl ketone
MIL	Military Specifications
min.	minute
min.	minimum or mineral
misc.	miscellaneous
mm.	millimeter
mo	months
MOCA	methylene-bis-orthochloroaniline
mod.	modulus
M.P.	melting point
m.w.	molecular weight
N	Newton
no.	number
NR	natural rubber
OC	open crucible
OR	operating room
oz.	ounce
Pa.	Pascal
pbw	parts by weight
pcf	pounds per cubic foot
PET	polyethylene terephthalate
PMCC	Pensky-Martens Closed Cup
pH	hydrogen-ion concentration
phr	parts per hundred parts of resin or rubber
pkgs.	packages
PPD	piperidine pentamethylene dithiocarbamate
psi	pounds per square inch
pt.	point
PU	polyurethane
PVAc	polyvinyl acetate
PVC	polyvinyl chloride
PW	potable water
quat.	quaternary
qt.	quart
R&B	Ring & Ball
ref.	refractive or reference
resist.	resistance or resistivity
r.h.	relative humidity

sol.	solubility or soluble
sol'n.	solution
sp.	specific
spec.	specification
SS	stainless steel
S/S	step by step
std.	standard
S/T	short time
str.	strength
surf.	surface
TCC	Taggart Closed Cup
TD	transverse direction
temp.	temperature
tens.	tensile
TDI	toluene diisocyanate
therm.	thermal
THF	tetrahydrofuran
TOC	Taggart Open Cup
trans.	transitional
UL	Underwriter's Laboratory
USDA	Unites States Department of Agriculture
uv.	ultraviolet
V	volt
visc.	viscosity
vol.	volume
W.E. or W. Elec.	Western Electric
wk	week
wt.	weight
yrs	years
<	less than
>	greater than
≤	less than or equal to
≥	greater than or equal to
≈	approximately equal to
μ	microns



## INDEX

- Accelerator 399, 4  
Accomeen C10, S2, S5, S10, T2, 104  
Accoquat 2C-75, 360  
Accosoft 550, 620, 707, 748, A-155, 255  
Acetoquat CTAB, 32  
Acetulan, 146  
Acralen AFR, ATR, 146  
Acralen BS, 147  
Acryloft, Conc., 256  
Activ-8, Activ-8 in Hexylene Glycol, 4  
Adogen 415, 462, 105  
Adogen 432, 442, 256  
AEPD, 208  
Aerosil 200, R 972, 25  
Aerosol OT-75%, OT-100%, 105  
Aerosol OT-B, 106  
AF 60, 66, 72, 75, 396  
Agerite DPPD, 67  
Agerite Gel, Geltrol, GT, 67  
Agerite Hipar T, HP-S, MA, NEPA, Resin D, 68  
Agerite Stalite, Stalite S, 69  
Agerite Superflex, Superflex Solid G, 69  
Agerite Superlite Emulcon, 69  
Agerite Superlite, Superlite Solid, 69  
Agerite White, 70  
Ahco AB-100, AB-118, AB-120, AB-146, AB-160, 203  
Ahco AB-228, 204  
Air Release Agent 7219, 397  
Al-0104 T 3/16", -0109 P, -1401 P (MS), 208  
Al-1404 T 3/16", -1602 T 1/8", -1605 P, -1609 P, -3438 T 1/8", -3916 P, 209  
Al-3945 E 1/16", -3970 P, -3980 T 5/32", 209  
Al-3996 R 3.5 × 1.5 mm, -4028 T 3/16", -4126 E 1/16", 210  
Alkamide STEDA, 397  
Alkaminox C2, T2, 106  
Alkamuls 200-ML, SMO, 360  
Alkamuls 400-ML, 600-ML, 600-MS, 397  
Alkamuls DEG-ML, 398  
Alkamuls STO, 256  
Alkaphos 3, 6, 106  
Alkaphos 10, 107  
Alkapol PEG-200, PEG-300, PEG-600, PEG-6000, PEG-8000, 147  
Alkapol PEG-400, 360  
Alkapol PPG-1200, PPG-2000, PPG-4000, 398  
Alkaquat 1068, FDAET, DAPT, DHTS, 256  
Alkaquat C, 107  
Alkaquat DMB-451, DMB-451, 50%, DMB-451, 80%, 32  
Alkaquat DMB-ST, 25%, O, S, 107  
Alkaquat ST, T, 108  
Alkaquest EDTA, 234  
Alkasurf L-5, 360  
Alkasurf L-9, L-14, S-14, 398  
Alkasurf SS-TA, 181  
Alkaterge-E, 398  
Alkateric BC, TB, 257  
Alkateric CAB, 361  
Alkatronic PGP 10-1, PGP 33-1, 399  
Alox 111, 162, 164, 318F, 319F, 350, 400L, 436, 436A, 300  
Alox 488, 502, 575, 600, 604, 606, 607, 301  
Alox 707, 800, 853, 901, 904, 1516, 1516B, 302

- Alox 1680, 1727, 1805, 1832, 1843, 1846, 2000, 303  
Alox 2019A, 2028, 2116A, 2138F, 2140S, 2140S-70, 2162, 2200, 2201, 304  
Alox 2211K, 2213, 2213A, 2268, 305  
Alkazine C, 108  
Aluminium-Oxide C, 25  
Aluminum Stearate EA, 147  
Amacarrier CE, DDQ, HB, L, LBP, 204  
Amaquest, 234  
Amasoft 16-7, 257  
Amax, No. 1, 5  
Amerchol BL, 257  
Amecor 8750, Mark III, 305  
Amery 5000, 305  
Amery 5400, 306  
Amerlate P, 258  
Amerplex 605, 306  
Amerzine 35, 306  
Amical 48 Powder and Dispersion, 50  
Powder and Dispersion, 33  
Amine D, Acetate, 307  
Amine O, S, T, 108  
Ammonyx 4, 4B, 485, 258  
Ammonyx 490, 4002, 4080, CETAC, CDO, CO, KP, 259  
Ammonyx SO, 260  
Amyl Cadmate, Ledate, Zimate, 5  
AMP, 210  
AMP-95, 211  
Ancor 110, 120, 202, 250, 207  
An-Hy-Drol, 211  
Anthropole AZ, 204  
Anthropole DW, 205  
Antifoam C-196, CM Concentrate, Compound SWS-201, 399  
Antifoam Compound SWS-202, -203, 400  
Antifoam Emulsion Q-70, -75, 400  
Antifoam Emulsion SWS-211, -213, -214, 401  
Antiozonant AFS/LG, 97  
Antiprex 461, A, 307  
Antistat H, 109  
Antitarnishing Agent # 5032, 70  
Antozite 1, 2, 67, 67F, 97  
Aqualon C, R, 1  
Aquasorb Absorbent Sheet, 1  
AR-8-A, AR-8-B, 109  
Arkanlure Q, Q Conc., 260  
Arko Ester 400, 260  
Arkolure KA, 260  
Armac 18D, C, HT, OD, T, 2HT, 308  
Armeen N-CMD, 211  
Armocure 100, 381  
Armoflo 48, 65, 25  
Armoflo 66, 26  
Armogard F-201, G-101, 309  
Armohib 28, 31, F-401, 309  
Armohib G-301, R-1, 310  
Armosoft DA-1, DA-3, 310, 410, 109  
Armosoft L, 260  
Armosoft WA-101, 261  
Armostat 350, 375, 450, 475, 550, 575, 810, 110  
Arneel 18D, 310  
Arodet 60 T Soft, 361  
Arquad 2C, 33  
Arquad 2C-75, 110  
Arquad 2S-75, 12-33, 12-50, 16-29, 16-50, 111  
Arquad 18-50, 112  
Arquad B-50 USP, B-90 USP, B-100, 34  
Arquad C-33, C-50, 112  
Arquad DM14B-90, 34  
Arquad DMCB, 35  
Arquad DMHTB-75, 35  
Arquad DMMCB-50, 112  
Arquad DMMCB-75, S, 35  
Arquad S-2C-50, 36  
Arquad S-50, 112  
Arquad T-2C-50, T-27W, T-50, 113  
Aston AP Conc., BO, RC, 113  
Atlas G-263, 113  
Atlas G-263 Anhyd., G-3634A, 114  
Atpet 80, 100, 200, 310  
Attacote, 26  
Avicel PH-101, -102, -103, -105, 148  
Avitex DN, E, 114  
AZO-33, 36  
AZO-55, 55TT, 17  
AZO-66, 17  
AZO-66TT, 18  
AZO-77, 77TT, 18  
Azodox-55, 18  
Azodox-55TT, 18  
Bardac LF, LF80, 36  
Barquat 1552, 36  
Bayer SBR Latex, 148  
Bayhibit-AM, 311  
Baypren Latex Series, 149  
Berol 371, 114  
Berol 516, 521, 311  
Berol 730, 740, 401  
Berol 786, 312

- Berol Fintex 573, 115  
 Bilt-Cote H-1, H-5, S-1, S-5, 26  
 Binder #5008, 149  
 Bio-Dac 50-20, 50-22, 36  
 Bio-Dac 205, 37  
 Bio-Quat 50-24, 50-25, 50-28, 50-30, 50-35, 37  
 Bio-Quat 50-36, 50-40, 50-42, 50-60, 50-65, 50-MAB, 50-MAC, 38  
 Bio-Quat 80-24, 80-28, 80-35, 80-36, 80-40, 80-42, 39  
 Bio-Quat T-501, T-502, 40  
 Biosperse 240, 250, 40  
 Bio-Surf I-20, I21LF, 41  
 Bismate, 6  
 Bohrmittel Hoescht, 312  
 Bonding Agent 2001, 2005, TN, TN/550, 196  
 Bravo 500, 41  
 Bravo W-75, 41  
 BTC 50, 50 USP, 65, 65 USP, 41  
 BTC 100, 776, 812, 824, 824 P-100, 41  
 BTC 835, 1010, 1100, 42  
 BTC 2125, 2125 80%, 2125 P-40, 2125M, 2125MP-40, 2565, 8248, 8249, 43  
 BTC E-8358, 43  
 BTCO 1010, 43  
 Bubble Breaker 260, 260H, 748, 750, 776, 900, 913, 402  
 Bubble Breaker 3056-A, 403  
 Butaprene PL-3131, 150  
 Butoxyne 497, 312  
 Butynediol, 312  
 Butyl Eight, Namate, Tuads, 6
- Cadox BS, OS, PS, TS-50, 370  
 Calcium Stearate EA, Kosher, 150  
 CAO-1, -3, -3 Blend 29, -5, -14, -42, 70  
 Captax, 7  
 Captax-Tuads Blend, 7  
 Carpet Guard, 103  
 Carsonam 3, 33-S, 3147, 361  
 Carsonam C, C-SF, C-SPCL, DC, 234  
 Carsonam DC-SF, DC-70%-SF, L, 235  
 Carsoquat 621, 312  
 Carsoquat 621 (80%), 313  
 Carsosulf SXS-Liquid, 362  
 Carstab DMTDP, 70  
 Catalyst R #5024, 211  
 C-Cure 111, 246, 381  
 Celogen Series, AZ130, AZ754, AZ760, AZ3990, 181
- Celogen AZNP 130, AZRV, HT500, HT550, OT, RA, TSH, XP-100, 182  
 Cheelox B-13, BF Acid, BF-12, BF-13, BF-78, FE-12, 235  
 Cheelox HE-24, NTA-14, NTA-Na<sub>3</sub>, 236  
 Chel DM-41, DTPA, DTPA-41, 236  
 Chelon 80, 236  
 Chelon 100, 120, 237  
 Chemcol HE-1, 362  
 Chemcol T-10, T-15, T-20, 115  
 Citrosol 50W, 50T, 50E, 237  
 Co-0138 E 1/8", 211  
 Co-0164 T 3/16", -0301 E 3/16", 212  
 Coagulant CHA, WS, 254  
 Cohedur A, 196  
 Cohedur A Solid, RK, RL, RS, 197  
 Colloid Sulphur 95, 382  
 CoMo-0402 T 1/8", -0603 T 1/8", 213  
 Compound 170, 313  
 Conco Antifoam 124, 403  
 Conco Antistat 762, 115  
 Conco SEQ, 237  
 Conco Sulfate 2A1, 362  
 Corrosion Inhibitor 500, 600, 313  
 Coviox T-50, T-70, 71  
 Covitol 544, 1100, 700C, 1185, 71  
 Covitol 1210, 1360, F-350M, F-600, F-1000, 72  
 Crodafos Series, 25D Series, 362  
 Crodafos CS Series, ID Series, O Series, T Series, 363  
 Crylcon 3000 Series, 7000 Series, 197  
 Cu-0211 P, -0223 P, -0233 T 1/8", -803 T 1/8", -1106 P, -1107 T 1/8", -1117 T 1/8", 213  
 Cu-1129 P, -1132 T 1/8", -1413 P, -1422 T 1/8", -1800 P, -1803 P, -1808 T 1/8", -1809 T 1/8", -1920 P, -2501 G 4-10, 214  
 Cu-3829 P, 215  
 Cumate, 7  
 Cure-rite Accelerator, 7  
 Curithane 51, 52, 215  
 Curithane 103, 382  
 Cyclomide Pinemulse, 363  
 Cyclophos P4, PL6A, PL31, 363  
 Cyclopol SBU-185, 44  
 Cymel 303, 370  
 Cymel 370, 373, 380, 1141, 371  
 Cyncal 80%, 44
- Dabco 33-LV, Crystal, DC-1, DC-2, 215  
 Dabco DF, EG, R-595, R-8020, S-25, T, 216

- Dabco TL, TMR, TMR-2, WT, X-DM, 217  
Daconil 2787, 44  
Dacospin 002-A, 092, 869, 905-M, 911-F, 116  
Dacospin 912-F, 2152-P, 9212, FT-700, 117  
Dacospin FT-701, FT-702, FT-710, FT-711, HS, 118  
Dai Cari XBN, 205  
Darex 515L, 529L, 150  
Darex 535L, 151  
Defoamer 108, 347D, 543, 2000 Series, 403  
Defoamer 4201, 4203, 4205, 4418, 4440, CSB, HF-2, LH-192, 404  
Defoamer PBR-2, PM, S, S-10, S-100, 405  
D.E.H. 20, 24, 26, 29, 39, 382  
D.E.H. 40, 383  
Dehyquart A, C Cryst., SP, STC-25, 119  
Dehyquart C, 44  
Depuma, 405  
Depuma OB, 406  
DesiCal, 80, -P, 21  
Desmodur N, 197  
Desmodur R, RF, TT, 198  
Desmodur RC, RU, 372  
Di-Cup 40 KE, R, 217  
Dizene, 145  
DMAMP, 313  
DMAMP-80, 314  
D, N Sodium Silicate, 314  
Dow Antimicrobial 7287, 8536, 44  
Dowfax 63N10, 406  
Drewclean 26, 27, 30  
Drewgard 180, 187, 314  
Drewperse 734, 30  
Drewperse 738, 744, 31  
Duolite A-7, 21  
Duolite A-143, CS-100, S-37, S-761, 22  
Duolite CS-346, 238  
Duomeen C, C Special, L-11, L-15, O, S, 315  
Duomeen T, TDO, T Special, 316  
Duoquad T-50, 119  
Durax, 7  
Dycar ECY, 205  
Dymex, 205  
Dymor D Plus, 205  
  
Elvace 1875 HV, 151  
Elvanol 71-30, 151  
Elvanol 75-15, 85-82, 90-50, 152  
Emcol CC-57, 120  
Emerest 2620, 364  
Emerstat 6660, 120  
Emgard 2066, 18  
Emgard 2067, 19  
Emid 6545, 406  
Emphos CS-1361, 120  
Empilan BQ 100, 120  
Emsorb 2500, 2502, 2503, 2505, 364  
Emsorb 2507, 2510, 2515, 365  
Emulan FM, 316  
Emulphor EL-980, 121  
Emulsogen B, B2M, BMK, E, 317  
Emulsogen H, KW, S, 318  
Emulsogen STH, 72  
Ethanox 330, 701, 702, 703, 736, 73  
Ethoduomeen T/25, 318  
Ethoquad 18/12, 18/25, C/12, C/25, O/12, 121  
Ethoquad O/25, 122  
Ethyl Cadmate, 7  
Ethyl Cellulose NF Grade, 152  
Ethyl Selenac, Tellurac, Tuads, Zimate, 8  
Ethylan A2, A3, NP 1, 406  
Ethylan A4, CD916, D256, D257, 122  
Ethylan GD, TC, TF, TH-2, TN-10, 12  
Ethylan TT-15, 124  
Everflex 81L, T, TMF, 153  
  
FC-24, -520, 218  
FC-508, 383  
Ficel AC, 182  
Ficel AC-SP4, EP Series, LE, 183  
Ficel SCE, 184  
Flo-Gard AG 110, AG 130, AG 150, 1  
Flo-Gard CC 120, CC 140, CC 160, FF 310, FF 320, FF 330, FF 350, FF 370, FF 390, 2  
Florco, 3  
Flow Agent WR-100, 27  
Foamaster 335-A, A, DF-122-NS, H, 407  
Foamaster PD# 1, R, TMC-1, VL, 408  
Fomrez 77-86, 1058, B-306, B-308, 365  
Fomrez B-320, M66-82A, 366  
Fomrez C-2, C-4, SUL-3, SUL-4, UL-1, UL-2, 219  
Fomrez UL-6, UL-8, UL-22, UL-28, 220  
Fomrez UL-29, UL-32, 221  
Fosterge W Acid, 318  
Fostex AMP, 318  
Fostex P, S, SN, T, TN, TX, U, 319  
Fungicide FX, M, ZV, 45  
Fungitex R, 46



- G-4 Technical, 46  
GAF Latex 5000 Series, 6000 Series, 153  
GAF Latex 7000 Series, 8000 Series, 154  
Gafac LO-529, RE-610, 319  
Gafac RA-600, 366  
Gafac RM-410, 320  
Gafac RS-610, 124  
Gafstat AD-150, AS-610, AS-710, 124  
Gafstat AE-610, S, S-100, 125  
Gantrez M-154, M-555, M-556, M-574, 154  
Gardiquat 1450, 1480, SV480, 46  
Good-Rite 3114, 74
- Hartex San Q 50, 46  
Hamp-Ene 100, 220, Acid, 238  
Hamp-Ene Diammonium EDTA, Fe-62, Na<sub>2</sub>, Na<sub>3</sub> Liquid, Na<sub>3</sub>T, Na<sub>4</sub>, 239  
Hamp-Ene NaFe Purified Grade, OH-1, OH-3, OH Powder, Photoiron, 240  
Hamp-Ex 80, 240  
Hamp-Ex M, 241  
Hamp-OI 120, Acid, Crystals, 241  
Hampshire DEG, EDG, NTA 150, NTA Acid, NTA Na<sub>3</sub> Crystals, 242  
Hampshire RPX, 243  
Hartex Defoamer MJ, S, 409  
Hercosett 57, 70, 125, 125  
Hercules 6 Defoamer, 187 Defoamer, 388 Defoamer, 409  
Hercules 470A Defoamer, 491 Defoamer, 845 Defoamer, 410  
Hercules AF 500 Series, 31  
Hercules BL 200, BL300 Series, CR 400 Series, PR 600 Series, 320  
Hercules Defoamer 4, 5, 410  
Hercules Defoamer 7, 136, 137, 261, 344, 411  
Hercules Defoamer 356, 406, 491A, 831, 1512, 412  
Hercules Defoamer 1883, 2051, 2470, 2540, Eff-101, 413  
Hexol Q, 243  
Hi-Point PD-1, 221  
Hostacor BK, BM, 320  
Hostacor BS, DT, KS 1, R, 321  
HT-400 E 1/8", -500 E 1/8", 221  
Hyamine 10-X, 46  
Hyamine 1622, 2389, 3500, 47  
Hybase C-300, M-300, 321  
Hybase M-400, 322
- Igepal CO-210, 414  
Igepal CO-520, 366  
Igepal CO-630, CO-730, 322  
Igepal DM-710, 125  
Intercide FC, N-628, TMP, T-O, 47  
Interstab CH-55, CH-55R, 243  
Interstat 50, 51, 125  
Ionol, CP, 74
- Irganox 259, 74  
Irganox 1010, 1035, 1076, 75  
Irganox 1093, 1098, B-215, B-225, MD-1024, 76
- Irgansan DP300, 47  
Isobutyl Niclate, 77  
Isonox 129, 132, 77  
Isopropylan 33, 154  
Isothan Q-75, 48
- Jeffamine D-230, D-400, 383  
Jeffamine D-2000, DU-700, DU-1700, DU-3000, ED-600, 384  
Jeffamine ED-900, ED-2001, T-403, 385
- Kalex, Acids, Liquid 50%, 243  
Kalex OH, Penta, Powder FC, 244  
Katenol 387, JAT-234, 207  
Katapol PN-430, 322  
Katapol PN-730, PN-810, 126  
Katapone VV-328, 323  
Kelig 32, 244  
Kemamine AS 650, AS 974, AS 989, AS 990, 126  
Kemamine BQ-2802C, 127  
Kemamine BQ-9702C, BQ-9742C, D-150, D-190, D-650, D-970, D-974, D-989, 48  
Kemamine D-999, P-974D, P-990D, P-999, 323  
Kemamine Q-1902C, Q-6502C, 49  
Kemamine Q-2802C, Q-9702C, 127  
Kemamine Q-6502C, 49  
Kemamine T-1902D, T-6501, 221  
Kemamine T-6502D, T-9701, T-9702D, T-9742D, T-9902D, T-9972D, 222  
Kempex 100, 244  
Keycide X-10, 49  
Kilfoam, 414  
Knightset EM-3, 372  
Knightset M-4, 9

- Lanquell 206, 414  
Lanquell 217, 415  
Lekutherm X 50, 223  
Leophen M, 415  
Levasint, 323  
Lexan 101, 324  
Lignosol BD, 154  
Lilamin 101 D, 115, 140, 324  
Lilamin 142, 151, 160, 163, 170, 172, 540, 560, 325  
Lilamin 570, 326  
Lipocol C-2, C-10, C-20, L-1, 415  
Lipocol L-4, L-12, L-23, O-2, O-10, O-20, S-2, S-10, S-20, SC-15, TD-12, 416  
Loramine AC 28, IM-BT, IM-CA, IM-OA, 326  
Loramine RE, 327  
Loramine SBU 185, U 185, 49  
Lorapal LA 3, 366  
Loraphat E 1027, EAK 8190, 327  
Loraquat B 50, 49  
Loraquat QA 100, 50  
Low Crock # 5012, # 5013, # 5026, # 5087, Formula # 750, 155  
Ludigol F, 60, 9  
Ludox HS-30, SM, 156  
Lupersol 224, DDA-30, 385  
Lupersol DDM, DDM-30, Delta-X, DNF, 386  
Lupersol DSW, 387  
Lutensit K-LC, K-LC80, K-OC, K-TI, 50  
Lutensol, 416  
Lutensol ED 310, ED 370, ED 610, 417
- Macol 660, 417  
Macol 3520, 5100, 418  
Magnesium Stearate EA, 156  
Manro FCM 95LV, FCM 100, PTSA 65 E, PTSA 65 H, PTSA 65 LS, PTSA Crystals, 223  
Maphos 60, 327  
Maphos 66, 76, 91, 328  
Mark 158, 217, 260, 328, 78  
Mark 443, 522, 1089, 1178, 1178B, 79  
Mark 1220, 1259A, 1270A, 80  
Mark 1295, 1409, 1409S, 1589, 1589B, 81  
Mark 1475, 244  
Mark 2112, 2183, 82  
Markstat AL-1, AL-10, 127  
Markstat AL-12, AL-13, AL-14, AL-15, AL-22, 128
- Markstat AL-24, AL-33, AS-16, AS-18, AS-20, 129  
Markstat Antistats, 127  
Marquest 100, 245  
Mars Defoamer A-69, D-10, E-3, G-34, 418  
Mars Emulsifier C, 129  
Mars PA-400, 367  
Mazeen C 2, C 10, C 15, S 2, S 5, S 10, T 2, 130  
Mazeen T 5, T 15, 131  
Mazol 300, 418  
Mazol GMO, 419  
Mazon R.I. # 4, R.I. # 325, 328  
Mazu DF-100S, DF-110S, DF-210S, DF-130S, DF-200S, 419  
Mazu DF-200SP, DF-200SX, DF-200SX Special, DF-205SX, DF-215SX, DF-210SX, DF-210SX Mod 1, 420  
Mazu DF-230S, DF-230SX, DF-243, 421  
MBEO 1.8 Adduct, 328  
Mercaptate Q-43 Ester, 372  
Merix # 79 Conc., # 79-OL Conc., # 79 Special, 131  
Merkyl MAP, 50  
Merkyl PM-TL, 51  
Merpiphos EP, 132  
Merpoxen NO 15, UN 22, 421  
Methyl-Ethyl Tuads, 9  
Methyl Ledate, 9  
Methyl Niclate, 82  
Methyl Selenac, Tuads, 9  
Methyl Zimate, 10  
Mg-0601 T 1/8", 223  
Micro-Chek 11, 11D, 11DIDP, 115-711, 51
- Miramine CC, OC, SC, 329  
Miranol CM Conc., HS Conc., 245
- Miranol CS Conc., 329  
Miranol DM, 132  
Mo-1907 T 3/16", 223  
Monacor 39, BE, 330  
Monafax 794, 330  
Monamulse CI, 330  
Monaquat ISIES, 132  
Monaquat P-TC, P-TD, 51  
Monaquat P-TL, P-TZ, 52  
Monateric Series, 805, 810-A-50, 811, 985A, 1000, 331  
Monateric ADFA, CA-35, CAB, MCB, CAM-40, CDL, CDS, CDTD, CDX-38, 332

- Monateric CDX-38 Mod., CSH-32, CEM-38, -38CG, CM-365, CNa-40, COAB, ADA, CyA-50, CyMM-40, CyNa-50, 333  
 Monateric ISA-35, LF Na-50, LF-100, LMAB, LMM-30, TA-35, 334  
 Monolan 1206/2, 2000 E/12, 421  
 Monolan 3000 E/60, P222, 422  
 Morfax, 10  
 MP-11, 52  
  
 Na-0101 T 1/8", 223  
 Nacap, 393  
 Nansa YS 94, 367  
 Na-Sul 611, 334  
 Na-Sul 707, 729, AS, BSB, BSN, 335  
 Na-Sul BSN/W765, BSN/W780, CA-50, DTA, EDS, LP, 336  
  
 Na-Sul LS, SS, ZS, 337  
 Naugard 431, 445, 82  
 Naugard 492, A, BG, BHT, J, P, PH, SP, XL-1, 83  
 Naugawhite, 84  
 N-Butyl Acid Phosphate, 337  
 Neobee 1054, 1062, 1223 (Neobee O), 206  
 Neo Cryl A-545, A-550, 103  
 Neo Cryl A-1031, A-1038, BT-8, 156  
 Neoprene Latex Series, 157  
 Nevastain 21, 76, A, B, 84  
 Newcol 20, 132  
 Ni-0104 P, -0104 T 1/8", -0301 T 1/8", -0707 T 1/8", -0901 S 1/2", -1404 T 3/16", 224  
 Ni-2002 C 1", -3210 T 3/16", -3250 T 3/16", -3266 E 1/16", -4301 E 1/16", -5124 T 3/16", -5132 P, 225  
 Ni-5333 T 3/16", 226  
 Nilofoam 60, M, XC, 423  
 Nissan Amine AB, ABT, ABT<sub>2</sub>, BB, DT, 338  
 Nissan Amine DTH, FB, MB, OB, PB, 339  
 Nissan Anon BF, BL, LG, 133  
 Nissan Cation AB, ABT-350, ABT-500, AR-4, 52  
 Nissan Cation BB, F2-10R, F2-20R, F2-40E, F2-50, FB-500, L-207, M2-100, 53  
 Nissan Cation MA, SA, 339  
 Nissan Cation PB-40, PB-300, S2-100, 54  
 Nissan Cation PB-300, S2-100, 54  
 Nissan Tertiary Amine FB, 339  
 Nissan Tertiary Amine MB, PB, 340  
 Nopco 1419-A, JMY, NDW, NXZ, PD#1-D, 423  
 Nopocide N-996, 54  
 Nopcogen 22-O, 340  
 Norchem NPP 1008-AK, NPP 7000-ZF, 133  
 Norchem NPP 8004-ZR, 134  
 Norcure 131, 138-B, 387  
 Norlig, 157  
 Nortech Foam Conc. MF-1035H, 1035L, 1039H, 184  
 Nortech Foam Conc. MF-1054S, MF-1062FA, MF-1150H, MF-1237NC, MF-1244H, MF-1247FA, 185  
 Nortech Foam Conc. MF-1253WC, MF-1276H, 186  
 Nyacol 215, 1440, 2040 NH<sub>4</sub>, 830, 1430, 157  
 Nyacol 2030 EC, 2046 EC, 9950, 158  
 Nysel CN-14, HK-4, HK-12, SP-7, 226  
  
 OA 502, 84  
 Octoate Z, 19  
 Oncor M50, 340  
 Onifine-C, -CC, -CE, 186  
 Onyxide 75, 172, 3300, 54  
 Ottasept, 55  
 OW-1, 340  
  
 P-0620 T 1/8", 226  
 PA-51-069, -51-141, -52-055, 387  
 PA-52-056, 388  
 PA-53-082, -56-060, 198  
 PA-55-048, 372  
 Papi 50, 198  
 Parabolix 100, 134  
 Parlon, 340  
 Pationic 122A, 55  
 Pave 100, 192, Bond, Bond LP, Bond Special, 199  
 Pawn PPE-501, 158  
 Pd-0803 E 1/16", 227  
 Pegafac PDA Free Acid, PDA (Neutralized), 134  
 Peganol NP 9, NP 10, NP 12, 341  
 Pentachlorophenol DP-2, 55  
 PEP 100, 176, 183-S, 308, 10  
 PEP 500, 11  
 Perbunan N Latex 2818, 158  
 Perenol F3, S4, S5, 27  
 Perma Kleer 80, 100, 245

- Petrac 250, 19  
Petronate 25C, 25H, 341  
Petronate HMW, 342  
Pharmasorb (Regular and Colloidal), 22  
Phenrez 130, 158  
Phosphate Ester 123, 342  
Piccoumaron 100, 110, 120, 158  
Pittclor, 56  
Plasdone K-26/28, K-29/32, 159  
PLEX HT, 245  
PLEX PC, 246  
Pluracol 355, 372  
Pluracol 364, 669, 450, 550, 650, 373  
Pluracol E-200, E-300, 159  
Pluracol E-400, E-600, E-1500, E-4000,  
E-6000, P-410, 160  
Pluracol P-710, P-1010, P-2010, P-3010,  
P-4010, 161  
Pluracol W-170, W352ON, W352ON-RL,  
W-660, W-2000, 424  
Pluracol W5100, 425  
Pluradot HA-410, HA-420, HA-430, HA-  
433, HA-440, HA-450, 425  
Pluradot HA-510, HA-520, HA-530, HA-  
540, HA-550, 426  
Pluriol PE 6100, PE 6101, 426  
Pluriol PE 8100, PE 10100, 427  
Pluronic 10R5, 161  
Pluronic 10R8, 17R2, 17R4, 162  
Pluronic 17R8, 25R1, 25R2, 25R4, 163  
Pluronic 25R5, 25R8, 31R1, 31R2, 31R4,  
164  
Pluronic F-38, F68, F68LF, F77, F87,  
F88, 165  
Pluronic F98, F108, F127, L31, L35,  
L42, L43, 166  
Pluronic L44, L61, L62, L62D, L62LF,  
L63, L64, 167  
Pluronic L72, L81, L92, L101, L121,  
L122, P65, 168  
Pluronic P75, P84, P85, P94, P103, P104,  
P105, 169  
Pluronic P123, 170  
PMP Gluconic Acid 50% Tech., Liquid  
Gluconic 60 Tech., Sodium Gluconic  
Tech., 246  
Polectron 430, 170  
Polidene 33-001, 33-004, 33-021, 170  
Polidene 33-031, 33-075, 171  
Polyco 2140, 2142, 171  
Polyco 2617, 2618, 2629, 2638, 172  
Polyrad, 342  
Polysilicate 48, 85, 172  
Poly-Non-Crock # 2110, 24  
Polypladone XL, 23  
Polyquart H, 134  
Polyquart H-7102, 135  
Polystat Agent # 5033, 135  
Polytrap 171, 210, 229, 801, 173  
Porofor ADC/E, ADC/F, ADC/K, ADC/M,  
ADC/R, 187  
Porofor ADC/S, B 13/CP 50, BSH Paste,  
BSH Paste M, BSH Powder, D33,  
DNO/F, 188  
Porofor N, S 44, 189  
Preventol I, 56  
Product 671, 427  
Produkt B 2045, 342  
Propyl Zithate, 11  
PVP K-15, K-30, K-60, K-90, 173  
Pyrax B, WA, ABB, 207  
Quadrilan AT, 135  
Quadrilan BC, 56  
Quadrol, 246  
Quarternary O, 135  
Quatrene C-5-6, 342  
Quatrene CA, CB, CB-80, CB-50, MB-80,  
MB-50, 343  
Questex 4H, 246  
Questex 4SW Crystals, 247  
Radiesurf 7125, 135  
Radiesurf 7135, 7137, 7145, 7147, 7155,  
7157, 136  
Radiesurf 7345, 137  
RD-5078, 137  
Rewocid SBU 185, U 185, 56  
Rewomid AC 28, RE, 343  
Rewomine IM-BT, IM-CA, 343  
Rewomine IM-OA, 344  
Rewopal LA 3, 367  
Rewophat E 1027, EAK 8190, 344  
Rewopol, FBR 344  
Reworyl T 65, 227  
Rexfoam 30 U, 427  
Rexfoam 40-U, 70-D, 100 G, 2211, A,  
428  
Rexfoam D, 429  
Rexol 2000 HWM, 137  
Richamide 5085, 6310, 6404, 6445,  
6625, 6737, 6754, CD, CDA, 345  
Richamide LIQ, M-3, MX, S-771, S-780,  
STD-HP, 346

- Ricon 109, 173  
RO-20, 137  
Roccal 50% Tech., II 50%, MC-14, 57  
Rodo No. 0, No. 10, 145  
Rokon, 393  
Rotax, 11  
Rucothane 2010L, 173  
Rychem 103G, 104F, 700V, 346  
Rychem 750, 347  
Rychem 784, 57  
Rychem 785-CI, 785-C5 Concentrate, 347  
Rychem 810, 830, 58  
Rychem 4503, 4698, F-Gard, F-Hib, 347  
Rychem G-Gard, G-Hib, 348  
Ryco 100, 101, 102, 103MP, 105, 110, 429  
Ryco 114, 118, 121, 140, 140D, 150B, 140 DX, 150A, 430  
Ryco 150 AC, 159 CS, 159 PC, 182C, 220, 306, 431  
Ryco 363, 405, 804, 7726, 7926, 7930, 7936, 432  
Ryco EI-633, X76-14, 433  
Ryco X81-24, 348
- Sani Det, 58  
Santoquin, Emulsion, Mixture 6, 85  
Saret Crosslinking Agents 500 and 515, 373  
Sarkosyl L, LC, NL-30, O, 348  
Schercamox DML, 137  
Schercamox DMM, 138  
Schercemol TT, 173  
Schercotaine CAB, 138  
SEQ 80, 100, 120, NT-15, 247  
Seqlene 190, 247  
Seqlene 270, 540 ES-40, ES-50, 248  
Sequestrene 30A, 220, 248  
Sequestrene AA, Diammonium, NA2, NA2Ca, NA3, NA4, NA2Cu, NAFe 13% Fe, NH4Fe, 249  
Sequestrene Tetraammonium, 250  
Setsit 5, 9, 51, 104, 11  
Silicone AF-10 FG, AF-10 IND, AF-30 FG, 433  
Silicone AF-30 IND, AF-100 FG, AF-100 IND, 434  
Silicone AF-600M, 435  
Silicone Defoamer # 5037, 435  
Silicone Rubber Compound SWS-7801U, SWS-7802, 200  
Sipernat 22, 22 S, D 17, 28
- Siponic SK, 100  
Sodium Benzoate NF, FCC, 58  
Sodium Stearate EA, 174  
Solar CI-387, 348  
Solar Regular, 349  
Sol-Speedi-Dri, Auto-Dri, 3  
Solidogen LT-13, 24  
Dolricin 135,  
Solricin 135, 59  
Sol-U-Tein EA, 174  
SO/SAN 30M, 66M, 59  
SP-1044, -1045, 373  
SP-1055, -1056, 374  
SP-8014, 200  
Sprayset MEKP, 227  
SR-204, -206, 374  
SR-209, -210, -213, 375  
SR-230, -238, -239, 376  
SR-259, -268, -295, 377  
SR-348, -350, -444, 378  
SRF-1501, 200  
Stabilizer 9-A, 8  
Stafoam, F, 349  
Stafoam DF-1, 138  
Stafoam DF-4, 139  
Standamul G, 207  
Standamul STC-25, 139  
Statexan K1, 139  
Staticide, 139  
Steinamin IM-BT, IM-CA, 349  
Steinamin IM-OA, 350  
Steinapal LA 3, 368  
Steinaphat E 1027, EAK 8190, 350  
Steinapol FBR, 350  
Steinaryl T 65, 227  
Steinazid DU 185, SBU 185, U 185, 59  
Stepanate AM, X, 368  
Stepanfoam AX-44, AX-66, BX-105 Series, BX-150-5, BX-250 (A-D) Series, BX-289, 189  
Stepanfoam BX-316-3, 5, BX-341, BX-341A, BX-341B, BX-345, BX-350-7, BX-352, BX-352P, BX-352M, 190  
Stepanfoam BX-364, C-600 Series, F-202, F-302, F-403, F-506, FX-250, G Series, H-100 Series, H-102N, 191  
Stepanfoam HC-9/10, HC-17/40, HW-8/25, HW-10/25, HW-8/50, HW-11/60, HW-16/60, HW-20/60, MW-20/20, P-502, P-506, 192  
Stepanfoam R-222/R-109, BX-351, R-223/R-110, R-245, R-247, R-226/R-112, R-231G/R-110, R-244, R-246, SF-3, 5/60, SX-195A, SX-202, 193

- Stepanfoam SX-2091, SX-211, SX-214, SX-215, SX-216, SX-217, SX-218A, SX-219, 194  
 Stygene R-100, R-115, R-150, R-175, 388  
 Sulfads, 12  
 Sunolite 100, 127, 240, 98  
 Sunolite 666, 99  
 Superox 702, 227  
 Superox 732, 744, 228  
 Surco 233, SXS, 368  
 Surfac 18-EHP, 351  
 Surfam D89DA, P10, P12B, P14B, P17B, 351  
 Surfam P24M, P86M, 352  
 Surfynol 82, 82S, 104, 104A, 435  
 Surfynol 104BC, 104E, 104H, 104S, 440, PC, SE, 436  
 Syloid 244, 378, 200  
 Synperonic PE30/10, 436  
 Synprolam 35, 28  
  
 TBP, 436  
 T-Det EPO-61, 437  
 TDP 2000, 85  
 TEAP Solution, 352  
 Tenox BHA, PG, TBHQ, 86  
 Terate HM-AY, 174  
 Terg-A-Zyme, 250  
 Teric 121, 124, 437  
 Teric 151, 154, 140  
 Teric 304, 28  
 Teric OF4, OF6, 140  
 Teric OF8, 141  
 Tetronic 50R1, 50R4, 50R8, 70R1, 70R2, 70R4, 438  
 Tetronic 90R1, 90R4, 90R8, 110R1, 110R2, 110R7, 130R1, 130R2, 439  
 Tetronic 150R1, 150R4, 150R8, 440  
 Texicote 03-020, 03-021, 174  
 Texicote 03-060, 175  
 Texicryl 13-002, 13-003, 13-011, 175  
 Texicryl 13-022, 13-030, 13-100, 13-101, 13-203, 176  
 Texicryl 13-205, 13-206, 13-210, 177  
 Textamine 05, A-5-D, A-3411, A-3417, 352  
 Textamine A-W-5, Polymer, Polymer S, T-5-D, XO, XO Anhyd., 353  
 T-H Antifoam 112, HL-21, 440  
 T-H Crystal Inhibitor No. 5, 250  
 Thermofoam I, II, III, IV, V, VI, 195  
 Thiate E, H, U, 12  
  
 Ti-0720 T 1/8", 228  
 Tomah DA-14, DA-17, 353  
 Tomah DA-62, DA-62 Ditallate, E-14-2, -5, -15, E-17-2, E-18-2, -5, -10, -15, E-S-2, -5, -10, -15, PA-10, 354  
  
 Tomah PA-14, PA-17, PA-62, PA-1820, Q-14-2, Q-17-2, 355  
 Tomah Q-18-2, Q-18-15, Q-62, Q-D-62, Q-D-T, Q-S, 356  
 Topanol CA, 86  
 Tri-Basic Copper Sulfate, 60  
 Trigonox 17/40, 29/40, 379  
 Triton X-15, 368  
 Troykyd Anti-Float Powder, 29  
 Troykyd Anti-Skin, Anti-Skin B, 100  
 Troykyd Anti-Skin BTO, 101  
 Troykyd Anti-Skin Odorless Liquid, 83  
 Troykyd Anti-Skin Odorless Powder, Anti-Skin Paste #2, Anti-Skin S, 101  
 Troykyd Anti-Skin Special M, 102  
 Troykyd Defoamer 333, 666, 999, 441  
 Troykyd EX-307, 29  
 Troykyd EX-390, Perma-Dry, 229  
 Troykyd Powder Defoamer 262, 441  
 Troykyd Q-148, -154, 441  
 Troymax Drier Calcium 4%, 5%, 6%, 8%, 229  
 Troymax Drier Calcium 10%, 230  
 Troymax Drier Cobalt 6%, 12%, Iron 9%, Lead 24%, 36%, Manganese 6%, 9%, 12%, 230  
 Troymax Drier Zinc 8%, 16%, Zirconium 6%, 12%, 230  
 Troymax Drier Zirconium 18%, 24%, 231  
 Troysan 142, 364, Anti-Mildew O, 60  
 Troysan PMO-30, Polyphase, Polyphase Anti-Mildew, 61  
 Trycol DNP-8, LF-1, NP-1, 442  
 Trycol NP-4, 356  
 Trycol TDA-3, 442  
 Trycol TP-2, 443  
 Trydet LA-5, 369  
 Tryfac 525-K, 610-K, 910-K, 141  
 Trymeen CAM-10, CAM-15, SAM-50, TAM-20, TAM-25, 142  
 Trymeen TAM-40, 143  
 Tylose C, CB Series, C 30 L, CR, CBR Series, H Series, MH, MHB, MB, 178  
 Tylose MH-K, MH-xp, MHB-yp, P, P-x, PS-x, P-Z Series, 179  
 Tyzor AA, DC, LA, 231  
 Tyzor TBT, TE, TOT, TPT, 232

- Uformite MM-47, MM-83, 379  
Ultranox 626, 87  
Unads, 12  
Unihib 1000, 2000, 357  
Uniquat CB-50, 61  
Uni-Rez 2115-175, 2115-C70, 2115-P80,  
2125, 2140, 2180-B75, 2341, 2355,  
2400, 389  
Uni-Rez 2401, 2415, 2511, 2800, 2802,  
2810, 390  
Uni-Rez 2828-D, 2850, 391  
Urex (Improved), 19  
Urol 55A-2S, 232  
Uvi-Nox 1494, 87
- V-0701 T 1/8", 233  
Vanchem NATD, 357  
Vanlube 26, 87  
Vanlube 601, 393  
Vanlube 81, 664, 664-NZ, 664-S, 88  
Vanlube 691, 704, 793, 394  
Vanlube 732, 742, 7723, AZ, DND, 89  
Vanlube NA, PC, RD, SL, SS, 90  
Vanax NP, 12  
Vanax NS, 13  
Vancide 51, 51Z, 51Z Dispersion, 62  
Vancide 89, 89RE, MZ-96, PA, 63  
Vancide TH, 64  
Vanox 12, 13, 100, 102, 200, 1001, 91  
Vanox 1003, 1004, 1005, 1013, 1030,  
1080, 92  
Vanox 1081, 1290, 1320, GT, SKT, 93  
Vanox 3240, 3245, 394  
Vansil W, 358  
Varamide A-7, 358  
Varcum 1198, 392  
Varcum 8199, 8251, 8261, 201  
Variquat 50 MC, 80 MC, 64  
Variquat 60 LC, 64  
Variquat 638, 143  
Variquat LC 80, 64  
Varkon EK, HL, 250  
Varonic K202, K205, L205, 358  
Varonic U202, 143  
Varonic U205, 359  
Varox, DCP-40C, DCP-40KE, DCP-R,  
DCP-T, 380
- Varstat 66, 143  
Versaflex 6, 179  
Versene 100, 250  
Versene 220 Crystals, Acid, AG 100, 251  
Versene CA, Diammonium EDTA, NA,  
Tetraammonium EDTA, 252  
Versenex 80, 253  
Versenol 120, 253  
Vestolit E 7007, 143  
Vikol # AF-25, LO-25, PX-15, RQ, 65  
Vikolev, 207  
Vinsalyn Resins, 179  
Viton L-31, 179  
Volan, L, 201  
V-Pyrol, 13  
Vulcuren 2, 392  
Vulkacit 576, CRV/LG, CT-N, 13  
Vulkacit CZ/MGC, D/C, DM, DM/MGC,  
DOTG/C, DZ/CH 30, 14  
Vulkacit H30, 202  
Vulkacit HX, L, LDA, LDB/C, Merkapto/  
MGC, MOZ/LG, NPV/C2, 15  
Vulkacit Thiuram, Thiuram/C, Thiuram  
MS/C, TR, ZM, ZP, 16  
Vulkanox 4010 NA, 4020, BFK, DS, 94  
Vulkanox DS/F, HS/LG, HS/Powder, KB,  
MB-2/MGC, NKP, 95  
Vulkanox OCD, PAN, ZKF, ZMB-2/G, 96
- Waxenol 801, 180  
WD-40, 359  
Wingstay Antioxidants/Antiozonants, 96  
Witcamine AL42-12, 359  
Witco 6% Copper Oleate, 8% Copper  
Naphthenate, 8% Zinc Naphthenate, 65  
Witcolate D51-51, 144
- XD 8062 Series, 392
- Zelec NK, TY, 144  
Zetax, 16  
Zinc Oxide Transparent, 19  
Zinkoxyd Activ, 20





