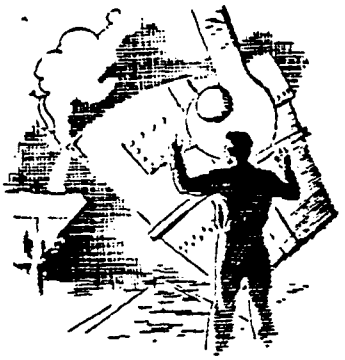
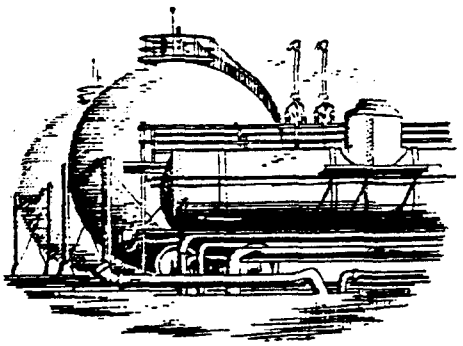
# UNION CARBIDE CORPORATION




PLAINTIFF'S EXHIBIT

UC-4116

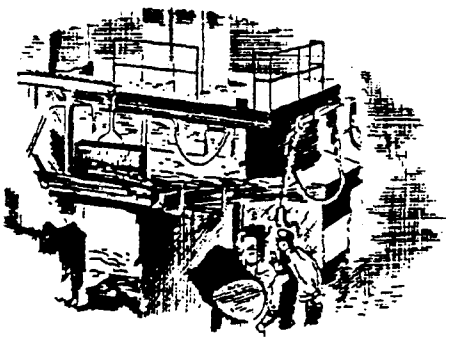




Union Carbide is a leading producer of alloys and metals; electrodes, batteries, and carbons; industrial gases, calcium carbide, and synthetic gems; synthetic organic and inorganic chemicals; plastics; and nuclear products.

Its products and processes are essential to the agricultural, chemical, communications, electrical, mining, pharmaceutical, plastics, textile, transportation, and steel industries, and to America's Atomic Energy Program. In addition, a large number of everyday necessities are made possible by the engineering, research, and production of Union Carbide.

You are invited to call upon any of the offices listed for technical or other assistance in connection with the purchase and use of any of these products. If you cannot find a product that you are looking for, please call the office nearest you.



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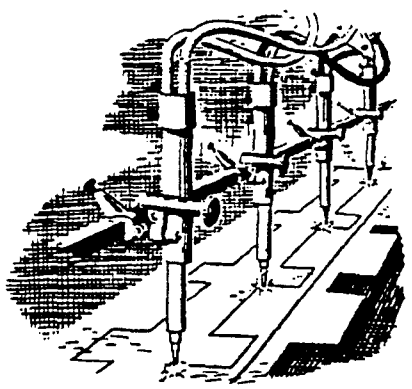





X410102

# SALES OFFICES OF UNION CARBIDE DIVISIONS AND SUBSIDIARIES

## LINDE COMPANY

Division of Union Carbide Corporation
General Office: 30 East 42nd Street, New York 17, N. Y.
Murray Hill 7-8000

LINDE Oxygen, Nitrogen, Hydrogen, Argon, and Other Atmospheric Gases

Calcium Carbide, Acetylene, By-Product Hydrate Lime

Welding, Cutting, Forming, and Heat-Treating Apparatus

Cylinders and Containers for Compressed and Liquefied Gases

Flame-Plating Service, Steel-Conditioning Machines and Rock-Piercing Equipment

Molecular Sieves, and Synthetic Sapphire, Ruby, and Spinel

**ALA.: BIRMINGHAM 9**
2900 Cahaba Rd.
Tremont 9-4681

**ARIZ.: PHOENIX**
401 East Buchanan St.
Alpine 8-2769

**CALIF.: LOS ANGELES 58**
2770 Leonis Blvd.
Ludlow 3-3061

**CALIF.: SAN DIEGO 10**
1004 Morena Blvd.
Cyprus 8-8388

**CALIF.: SAN FRANCISCO 6**
22 Battery St.
Yukon 2-1360

**COLO.: DENVER 9**
685 South Broadway
Race 2-4621

**FLA.: JACKSONVILLE 3**
2410 Dennis St.
Elgin 6-3058

**GA.: ATLANTA 8**
22 Seventh St., N. E.
Trinity 5-8931

**ILL.: CHICAGO 1**
230 North Michigan Ave.
Financial 6-3300

**IND.: INDIANAPOLIS 4**
729 North Pennsylvania St.
Melrose 5-3577

**LA.: NEW ORLEANS**
4833 Conti St.
Audubon 1352

**MD.: BALTIMORE 18**
532 East 25th St.
Chesapeake 3-0200

**MASS.: BOSTON 94**
300 First Ave., Needham Hgts.
Needham 3-4747

**MICH.: DETROIT 21**
10421 West Seven Mile Rd.
Diamond 1-3131

**MINN.: MINNEAPOLIS 2**
827 Second Ave., So.
Federal 3-2262

**MO.: KANSAS CITY 5**
910 Baltimore Ave.
Baltimore 1-2400

**MO.: ST LOUIS 8**
4228 Forest Park Blvd.
Franklin 1-2580

**N. Y.: BUFFALO 2**
250 Delaware Ave.
Washington 1616

**N. Y.: NEW YORK 17**
205 East 42nd St.
Murray Hill 7-8000

**OHIO: CINCINNATI 29**
709 Melish Ave.
Capitol 1-2633

**OHIO: CLEVELAND 14**
1300 Lakeside Ave.
Main 1-4202

**OKLA.: TULSA 3**
614 National Bank of Tulsa Bldg.
Luther 3-5148

**ORE.: PORTLAND 9**
1205 Northwest Marshall St.
Capital 7-2603

**PA.: PHILADELPHIA 22**
1421 North Broad St.
Stevenson 4-2424

**PA.: PITTSBURGH 22**
644 Oliver Bldg., Mellon Sq.
Express 1-3800

**TENN.: MEMPHIS 5**
48 West McLemore Ave.
Whitehall 8-7766

**TEX.: DALLAS 26**
2626 Commerce St.
Riverside 7-8618

**TEX.: HOUSTON 11**
6119 Harrisburg Blvd.
Walnut 6-3165

**UTAH: SALT LAKE CITY 1**
436 West Ninth So. St.
Elgin 5-2979

**WASH.: SEATTLE 4**
3404 Fourth Ave., So.
Main 6247

**WASH.: SPOKANE 12**
2023 West Maxwell Ave.
Fairfax 5-4503

**W. VA.: CHARLESTON 4**
3510 MacCorkle Ave., S.E.
Walnut 5-1156

**WIS.: MILWAUKEE 46**
1623 South 38th St.
Mitchell 5-2200

## SILICONES DIVISION

Division of Union Carbide Corporation
General Office: 30 East 42nd Street, New York 17, N. Y.
Murray Hill 7-8000

Silicone Water Repellents, Oils and Oil Emulsions, Electrical Insulating Resins, Rubber Gum Stock and Compounds, Intermediates, and Monomers

**ALA.: BIRMINGHAM 9**
2900 Cahaba Rd.
Tremont 9-4681

**ARIZ.: PHOENIX**
401 East Buchanan St.
Alpine 8-2769

**CALIF.: LOS ANGELES 58**
2770 Leonis Blvd.
Ludlow 3-3061

**CALIF.: SAN FRANCISCO 6**
22 Battery St.
Yukon 2-1360

**COLO.: DENVER 9**
685 South Broadway
Race 2-4621

**FLA.: JACKSONVILLE 3**
2410 Dennis St.
Elgin 6-3058

**GA.: ATLANTA 8**
22 Seventh St., N. E.
Trinity 5-8931

**ILL.: CHICAGO 1**
230 North Michigan Ave.
Financial 6-3300

**IND.: INDIANAPOLIS 4**
729 North Pennsylvania St.
Melrose 5-3577

**LA.: NEW ORLEANS**
4833 Conti St.
Audubon 1352

**MD.: BALTIMORE 18**
532 East 25th St.
Chesapeake 3-0200

**MASS.: BOSTON 94**
300 First Ave., Needham Hgts.
Needham 3-4747

**MICH.: DETROIT 21**
10421 West Seven Mile Rd.
Diamond 1-3131

**MINN.: MINNEAPOLIS 2**
827 Second Ave., So.
Federal 3-2262

**MO.: KANSAS CITY 5**
910 Baltimore Ave.
Baltimore 1-2400

**MO.: ST. LOUIS 8**
4228 Forest Park Blvd.
Franklin 1-2580

**N. Y.: BUFFALO 2**
250 Delaware Ave.
Washington 1616

**N. Y.: NEW YORK 17**
100 East 42nd St.
Murray Hill 6-5100

**OHIO: CINCINNATI 29**
709 Melish Ave.
Capitol 1-2633

**OHIO: CLEVELAND 14**
1300 Lakeside Ave.
Main 1-4202

**OKLA.: TULSA 3**
614 National Bank of Tulsa Bldg.
Luther 3-5148

**ORE.: PORTLAND 9**
1205 Northwest Marshall St.
Capital 7-2603

**PA.: PHILADELPHIA 22**
1421 North Broad St.
Stevenson 4-2424

**PA.: PITTSBURGH 22**
644 Oliver Bldg., Mellon Sq.
Express 1-3800

**TENN.: MEMPHIS 5**
48 West McLemore Ave.
Whitehall 8-7766

**TEX.: DALLAS 26**
2626 Commerce St.
Riverside 7-8618

**TEX.: HOUSTON 11**
6119 Harrisburg Blvd.
Walnut 6-3165

**UTAH: SALT LAKE CITY 1**
436 West Ninth So. St.
Elgin 5-2979

**WASH.: SEATTLE 4**
3404 Fourth Ave., So.
Main 6247

**WASH.: SPOKANE 12**
2023 West Maxwell Ave.
Fairfax 5-4503

**W. VA.: CHARLESTON 4**
3510 MacCorkle Ave., S.E.
Walnut 5-1156

**WIS.: MILWAUKEE 46**
1623 South 38th St.
Mitchell 5-2200

## KEMET COMPANY

Division of Union Carbide Corporation
Madison Ave. and West 117th St., Cleveland 1, Ohio
Academy 6-3330
Barium Getters and Grid Wire

X 410103

OVER →

Division of Union Carbide Corporation
General Office: 30 East 42nd Street, New York 17, N. Y.
Murray Hill 7-8000

BAKELITE Epoxy, Fluorothene, Phenolic, Polyester, Polyethylene, Polystyrene, and Vinyl Resins and Compounds

KRENE Flexible Film and Sheeting

HALOWAX and ZYROX Chlorinated Waxes, Resins, and Compounds

VINYLITE Coated Paper, Safety Glass Interlayer, and Window Material for Automobiles

**CALIF.: LOS ANGELES 58**
2770 Leonis Blvd.
Ludlow 3-3061

**CALIF.: SAN FRANCISCO 6**
22 Battery St.
Yukon 2-1360

**CONN.: HARTFORD 3**
410 Asylum St.
Jackson 5-3185

**D. C.: WASHINGTON 5**
777 14th St.
Executive 3-7755

**GA.: ATLANTA 3**
57 Forsyth St.
Jackson 5-5945

**ILL.: CHICAGO 1**
230 North Michigan Ave.
Financial 6-3300

**MASS.: BOSTON 94**
300 First Ave., Needham Hgts.
Needham 3-4747

**MICH.: DETROIT 21**
10421 West Seven Mile Rd.
Diamond 1-3131

**MO.: KANSAS CITY 5**
910 Baltimore Ave.
Baltimore 1-2400

**MO.: ST. LOUIS 22**
122 North Kirkwood Rd.
Yorktown 5-2440

**N. J.: CLIFTON**
1051 Bloomfield Ave.
Prescott 8-2900

**N. Y.: LARCHMONT**
1877 Palmer Ave.
Tennyson 4-0995

**N. Y.: NEW YORK 17**
30 East 42nd St.
Murray Hill 7-8000

**N. Y.: ROCHESTER 4**
Granite Bldg., 130 Main St., E.
Hamilton 7743

**OHIO: CINCINNATI 6**
2330 Victory Pkwy.
University 1-3035

**OHIO: CLEVELAND 14**
1300 Lakeside Ave.
Main 1-4202

**PA.: PHILADELPHIA 3**
117 South 17th St.
Rittenhouse 6-4779

**PA.: PITTSBURGH 22**
537 Smithfield St.
Express 1-3800

## UNION CARBIDE OLEFINS COMPANY

Division of Union Carbide Corporation
General Office: 30 East 42nd Street, New York 17, N. Y.
MUrray Hill 7-8000

Ethylene, Propylene, Butadiene, and Other Hydrocarbon Products

## HAYNES STELLITE COMPANY

Division of Union Carbide Corporation
725 South Lindsay Street, Kokomo, Ind.
Gladstone 2-5421
Special Alloys to Resist Heat, Corrosion, and Wear

**CALIF.: LOS ANGELES 58**
2770 Leonis Blvd.
Ludlow 3-3061

**CALIF.: SAN FRANCISCO 6**
22 Battery St.
Yukon 2-1360

**ILL.: CHICAGO 1**
230 North Michigan Ave.
Financial 6-3300

**MICH.: DETROIT 21**
10421 West Seven Mile Rd.
Diamond 1-3131

**N. Y.: NEW YORK 17**
30 East 42nd St.
Murray Hill 7-8000

**OHIO: CLEVELAND 14**
1300 Lakeside Ave.
Main 1-4202

**TEX.: HOUSTON 11**
6119 Harrisburg Blvd.
Wayside 6-3165

## CHEMICALS COMPANY

Division of Union Carbide Corporation
General Office: 30 East 42nd Street, New York 17, N. Y.
Murray Hill 7-8000

Industrial Solvents, Chemical Intermediates, Plasticizers, Lubricants, Hydraulic Fluids, Humectants, Surface Active Agents, Fumigants, "6-12" Insect Repellent, Insecticides, and Chemicals for Special Applications

Acids, Alcohols, Aldehydes, Anhydrides, Aryl and Pyridine-type Compounds, Chlorine Compounds, Esters, Ethers, Glycol Ethers, Glycols and Triols, Hydrocarbons, Ketones, Monomers, Metallic Salts, Nitrogen Compounds, Polyalkylene Glycols and Derivatives

Dynel Textile Fibers

**CALIF.: LOS ANGELES 58**
2770 Leonis Blvd.
Ludlow 3-3061

**CALIF.: SAN FRANCISCO 6**
22 Battery St.
Yukon 2-1360

**COLO.: DENVER 3**
655 Broadway
Alpine 5-0497

**FLA.: MIAMI 43**
6356 Manor Lane
Mohawk 7-5181

**GA.: ATLANTA 3**
41 Marietta St., N. W.
Jackson 4-5081

**ILL.: CHICAGO 1**
230 North Michigan Ave.
Financial 6-3300

**IND.: INDIANAPOLIS 4**
5 East Market St.
Melrose 2-5548

**LA.: NEW ORLEANS 17**
4833 Conti St.
Amherst 5301

**MD.: BALTIMORE 1**
210 North Charles St.
Saratoga 7-7365

**MASS.: BOSTON 94**
300 First Ave., Needham Hgts.
Needham 3-4747

**MICH.: DETROIT 21**
10421 West Seven Mile Rd.
Diamond 1-3131

**MINN.: MINNEAPOLIS 1**
915 Midland Bank Bldg.
Federal 9-0313

**MO.: KANSAS CITY 5**
910 Baltimore Ave.
Baltimore 1-2400

**MO.: ST. LOUIS 5**
10 So. Brentwood Blvd.
Parkview 6-0324

**N. J.: NEWARK 2**
1180 Raymond Blvd.
Market 3-7660

**N. Y.: ALBANY 7**
90 State St.
Albany 5-3507

**N. Y.: BUFFALO 2**
1812 Liberty Bank Bldg.
Madison 6932

**N. Y.: NEW YORK 17**
100 East 42nd St.
Murray Hill 6-5100

**N. C.: CHARLOTTE 2**
112 South Tryon St.
Franklin 5-3383

**OHIO: CINCINNATI 6**
2506 May St.
Avon 1-4450

**OHIO: CLEVELAND 14**
1300 Lakeside Ave.
Main 1-4202

**OKLA.: TULSA 3**
320 South Boston
Luther 3-5148

**PA.: PHILADELPHIA 7**
12 South 12th St.
Market 7-5955

**PA.: PITTSBURGH 22**
The Oliver Building
Mellon Square
Express 1-3800

**TEX.: DALLAS**
1511 Bryan St.
Riverside 1-9176

**TEX.: HOUSTON 25**
1100 East Holcombe Blvd.
Jackson 3-4401

**WASH.: SEATTLE 4**
3404 Fourth Ave., So.
Main 6247

**WIS.: MILWAUKEE 46**
1623 South 38th St.
Mitchell 5-2200

## VISKING COMPANY

Division of Union Carbide Corporation
General Office: 6733 West 65th Street, Chicago 38, Ill.
Reliance 5-1234
Food Casings and Plastic Film, Sheeting, and Tubing

**ILL.: CHICAGO 38**
(Food Casings)
6733 West 65th St.
Reliance 5-1234

**IND.: TERRE HAUTE**
(Plastics)
Post Office Box 1410
Lincoln 6001

**N.Y.: NEW YORK 17**
(Food Casings)
122 East 42nd St.
Oxford 7-3950



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## NATIONAL CARBON COMPANY

Division of Union Carbide Corporation
General Office: 30 East 42nd Street, New York 17, N. Y.
Murray Hill 7-8000

Electric Arc Furnace Electrodes; Electrolytic Cell Anodes; Brushes for Electric Motors and Generators; Carbon and Graphite Electrical and Mechanical Specialties; Carbon Products for Processing Molten Metal, Glass, etc. Carbon Refractories; Structural Shapes; Chemical Processing Equipment; Lighting Carbons; Nuclear Graphite

EVEREADY Garden Products

EVEREADY Flashlights, and Flashlight, Radio, Hearing-Aid, and Photoflash Batteries

PRESTONE Anti-Freeze and Other Automotive Service Products; TREK Anti-Freeze

**CALIF.: LOS ANGELES 58**
2770 Leonis Blvd.
Ludlow 3-3061

**CALIF.: SAN FRANCISCO 6**
22 Battery St.
Yukon 2-1360

**GA.: ATLANTA 3**
41 Marietta St., N. W.
Murray 8-7700

**ILL.: CHICAGO 1**
230 North Michigan Ave.
Financial 6-3300

**MO.: KANSAS CITY 5**
910 Baltimore Ave.
Baltimore 1-2400

**N. Y.: NEW YORK 17**
292 Madison Ave.
Murray Hill 6-1700

**OHIO: CLEVELAND 1**
West 117th St. and
Madison Ave.
Academy 6-3600

**PA.: PITTSBURGH 22**
613 Oliver Bldg., Mellon Sq.
Express 1-3800

**TEX.: DALLAS 1**
1511 Bryan St.
Riverside 1-9176

## ELECTRO METALLURGICAL COMPANY

Division of Union Carbide Corporation
General Office: 30 East 42nd Street, New York 17, N. Y.
Murray Hill 7-8000

ELECTROMET Ferroalloys, Alloying Metals, and Metal Compounds

**ALA.: BIRMINGHAM 2**
2900 Cahaba Rd.
Tremont 9-4681

**CALIF.: LOS ANGELES 58**
2770 Leonis Blvd.
Ludlow 3-3061

**CALIF.: SAN FRANCISCO 6**
22 Battery St.
Yukon 2-1360

**ILL.: CHICAGO 1**
230 North Michigan Ave.
Financial 6-3300

**MICH.: DETROIT 21**
10421 West Seven Mile Rd.
Diamond 1-3131

**N. J.: PHILLIPSBURG**
Roseberry and Marshall Sts.
Phillipsburg 5-6403

**OHIO: CLEVELAND 14**
1300 Lakeside Ave.
Main 1-4202

**PA.: PITTSBURGH 22**
Oliver Bldg.,
537 Smithfield St.
Express 1-3800

**TEX.: [redacted] HOUSTON 11**
6119 Harrisburg Blvd.
Walnut 6-3165

## UNION CARBIDE NUCLEAR COMPANY

Division of Union Carbide Corporation
General Office: 30 East 42nd Street, New York 17, N. Y.
Murray Hill 7-8000

Molybdenum, Tungsten, Uranium, and Vanadium Ores and Concentrates

Metal Chemicals, Radioisotopes, and Stable Isotopes

## PYROFAX GAS CORPORATION

Subsidiary of Union Carbide Corporation
295 Madison Avenue, New York 17, N. Y.
Oregon 9-3838

PYROFAX Bottled and Bulk LP-Gas (Propane) and Gas Appliances

[redacted]

## UNION CARBIDE CANADA LIMITED — and its Divisions

2221 Yonge Street, Toronto 7, Canada
Mayfair 6511

**BAKELITE COMPANY**
(also Silicones Products)

40 St. Clair Ave., East
Toronto 7, Canada
Walnut 4-2119

1425 Mountain St.
Montreal 25, Canada
Victor 5-3145

**CARBIDE CHEMICALS COMPANY**

1425 Mountain St.
Montreal 25, Canada
Victor 5-3174

40 St. Clair Ave., East
Toronto 7, Canada
Walnut 4-5461

215-10th Avenue, West
Calgary, Alberta
Amherst 29546

**ELECTRO METALLURGICAL COMPANY**

805 Davenport Road
Toronto 4, Canada
Lennox 4-9275

1425 Mountain St.
Montreal 25, Canada
Victor 5-3587

**LINDE AIR PRODUCTS COMPANY**

40 St. Clair Ave., East
Toronto 7, Canada
Walnut 4-5451

1175 Grant St.
Vancouver 6, Canada
Hastings 6274

Highway 16 & Government Road
Box 71, Edmonton, Alberta
Tel. 6-1118

733 Tache Avenue
St. Boniface, Manitoba
Chapel 7-4811

805 Davenport Road
Toronto 4, Canada
Lennox 4-9595

8311 Royden Road
Montreal 9, Canada
Riverside 8-7931

**NATIONAL CARBON COMPANY**
805 Davenport Road
Toronto 4, Canada
Lennox 4-9501

616 St. James St., Box 777,
Winnipeg 12, Canada
Spruce 2-0447

1425 Mountain St.
Montreal 25, Canada
Victor 5-3111

## PYROFAX GAS LIMITED

Subsidiary of Pyrofax Gas Corporation
4109 St. Catherine Street, West, Montreal 6, Canada
Wilbank 1139

## VISKING LIMITED

Subsidiary of Union Carbide Corporation
Lindsay, Ontario, Canada
Fairview 4-2101

[redacted]

## UNION CARBIDE INTERNATIONAL COMPANY

Division of Union Carbide Corporation
General Office: 30 East 42nd Street, New York 17, N. Y.
Murray Hill 7-8000

Y410105

# PRODUCTS OF UNION CARBIDE

**In the following list the Divisions and Subsidiaries of Union Carbide are abbreviated as follows:**

| | |
|---|---|
| Bakelite Company ..... **Bakelite** | National Carbon Company ..... **National** |
| Electro Metallurgical Company ..... **Electromet** | Pyrofax Gas Corporation ..... **Pyrofax** |
| Haynes Stellite Company ..... **Haynes** | Silicones Division ..... **Silicones** |
| Kemet Company ..... **Kemet** | Union Carbide Chemicals Company ..... **Carbide** |
| Linde Company ..... **Linde** | Union Carbide Nuclear Company ..... **Nuclear** |
| Viaking Company ..... **Viaking** | |


| *Product* | *Company* |
|---|---|
| **A** | |
| Abrasion-Resistant Alloys | Haynes |
| Abrasives, Fine Alumina | Linde |
| Absorbers | National |
| Acetaldehyde | Carbide |
| Acetaldol | Carbide |
| Acetic Acid | Carbide |
| Acetic Anhydride | Carbide |
| Acetoacetanilide | Carbide |
| Acetoacet-o-Anisidide | Carbide |
| Acetoacet-o-Chloranilide | Carbide |
| Acetoacet-o-Toluidide | Carbide |
| Acetone | Carbide |
| Acetonitrile | Carbide |
| Acetophenone | Carbide |
| Acetyl Acetone (2, 4-Pentanedione) | Carbide |
| Acetylene: | |
| Cylinder | Linde |
| Pipeline | Linde |
| Acetylene Cylinders | Linde |
| Acetylene Generators | Linde |
| N-Acetyl Ethanolamine | Carbide |
| ACHESON Battery Graphite | National |
| ACHESON Graphite Electrodes and Powders | National |
| Acid Absorbers | National |
| Acid-Resistant Alloys | Haynes |
| Acid-Resistant Carbon and Graphite | National |
| Acids | Carbide |
| Acrolein | Carbide |
| Acrolein Dimer | Carbide |
| Acrylic Acid | Carbide |
| Acrylonitrile | Carbide |
| Activated Carbon, COLUMBIA Brand for Solvent Recovery | Carbide |
| Additives, Oil | Carbide |
| Adhesives | Carbide |
| Adsorbents: | |
| Activated Carbon | Carbide |
| Molecular Sieves | Linde |
| Aerators: | |
| Carbon and Graphite | National |
| Corrosion-Resistant Alloy | Haynes |
| Agricultural Chemicals, CRAG Brand | Carbide |
| Air-Acetylene Torches | Linde |
| AIR CELL Batteries | National |
| Air Depolarized Batteries, EVEREADY, AIR CELL Brands | National |
| Air-Conditioning — Triethylene Glycol | Carbide |
| Air-Propane Torches | Linde |
| Air Sterilization — Triethylene Glycol | Carbide |
| Alcohols | Carbide |
| Aldehydes | Carbide |
| Alkali-Resistant Alloys | Haynes |
| Alkali-Resistant Materials | National |
| Alkyl Pyradine HB | Carbide |
| Alloy Wire | Kemet |
| Alloying Agents | Electromet |
| Alloys: | |
| Abrasion-Resistant | Haynes |
| Acid-Resistant | Haynes |
| Boron | Electromet |
| Briquetted | Electromet |
| Calcium | Electromet |
| Chromium | Electromet |
| Cobalt-Base | Haynes |
| Columbium | Electromet |
| Corrosion-Resistant | Haynes |
| Deoxidizing | Electromet |
| Hard-Facing | Haynes |
| Heat- and Corrosion-Resistant | Haynes |
| High-Temperature | Haynes |
| Iron-Base | Haynes |
| Ladle Addition | Electromet |
| Manganese | Electromet |
| Nickel-Base | Haynes |
| Non-Ferrous | Haynes |
| Silicon | Electromet |
| Titanium | Electromet |
| Tungsten | Electromet |
| Vacuum-Melted | Haynes |
| Vanadium | Electromet |
| Wear-Resistant | Haynes |
| Zirconium | Electromet |
| "Alnico" Alloy Conversion | Electromet |
| Aluminum Acetate, Basic, NIAPROOF Brand | Carbide |
| Aluminum Carbide | Electromet |
| Aluminum Formo Acetate, Basic | Carbide |
| Aluminum-Molybdenum | Electromet |
| Aluminum Oxide Coatings (Flame-Plating) | Linde |
| Aluminum-Titanium | Electromet |
| Aluminum-Vanadium | Electromet |
| Amine 220 | Carbide |
| Amines | Carbide |
| Amines For Gas Treatment | Carbide |
| N-Aminoethyl Ethanolamine | Carbide |
| Ammonium Metavanadate | Electromet |
| Ammonium Paratungstate | Electromet |
| Amyl Acetate, Primary | Carbide |
| Amyl Alcohol, Primary | Carbide |
| Anhydrides | Carbide |
| Anodes: | |
| Carbon and Graphite | National |
| Cathode Protection, Graphite | National |
| Ant Killer, 6% Chlordane EVEREADY Brand | National |
| Anticorrosion Agents | Carbide |
| Antidusting Agents | Carbide |
| Antifoaming Agent, Silicone | Silicones |
| Antifoaming Agents | Carbide |
| Anti-Freeze (Automotive, Other Than TREK Brand and PRESTONE Brand) | Carbide |
| Anti-Freeze Alcohols (Automotive), TREK Brand | National |
| Anti-Freeze for Radiators, PRESTONE and TREK Brands | National |
| Anti-Freeze and Conditioner for Gas Lines, PRIME Brand | National |
| Antileak, CARBOSEAL Brand | Carbide |
| Antirust and Water Pump Lubricant, PRESTONE Brand | National |
| Antiseptics | Carbide |
| Antispatter Agent, Silicone | Linde |
| Antistatic AG-2, NIATEX | Carbide |
| Appliances, LP Gas, PYROFAX Brand | Pyrofax |
| Arc Light Carbons | National |
| Argon Gas | Linde |
| Argon Mixtures | Linde |
| Aryl and Pyridine-Type Compounds | Carbide |
| Asbestos Shingle Water Repellent | Silicones |
| Automobile Lamps, EVEREADY Brand | National |
| **B** | |
| Baffles for Power Rectifiers | National |
| BAKELITE Plastics and Resins | Bakelite |
| Balls, Synthetic Sapphire | Linde |




X410106

| Product | Company |
|---|---|
| Barium-Silicon | Electromet |
| Bar, Hot-Rolled Alloy | Haynes |
| Bars, Boring (Wear Strips For) | Haynes |
| Batteries: | |
| AIR CELL Brand | National |
| Dry | National |
| Hearing-Aid, EVEREADY Brand | National |
| Photoflash, EVEREADY Brand | National |
| Radio, EVEREADY Brand | National |
| Telephone Service | National |
| Battery Electrodes Used in Dry Cells | National |
| Battery Graphite, ACHESON Brand | National |
| Bayonet-Type Graphite Heaters | National |
| Beams, Carbon and Graphite | National |
| Bearings, Carbon and Graphite | National |
| Bits, Tool (For Turning, Boring, Facing, etc.) | Haynes |
| Blades: | |
| Centerless Grinder Work Rest | Haynes |
| Cutting Off | Haynes |
| Grooving | Haynes |
| Milling Cutter, Boring, Reaming | Haynes |
| Roll Scraper | Haynes |
| Blast Furnace Linings and Accessories, Carbon | National |
| Blocks, Carbon and Graphite | National |
| Blowpipes, Welding and Cutting | Linde |
| Blue Printing Carbons | National |
| Bonding Agents | Carbide |
| Boron Alloys | Electromet |
| Boron-Bearing Ferrosilicon | Electromet |
| Boron Carbide | Electromet |
| Boron Nitride | National |
| Brake Fluids: | |
| PRESTONE Brand | National |
| UCON Brand | Carbide |
| Brick, Carbon and Graphite | National |
| Briquets: | |
| Chromium | Electromet |
| Ferromanganese | Electromet |
| Silicomanganese | Electromet |
| Silicon | Electromet |
| Zirconium | Electromet |
| Brushes (Electrical), NATIONAL and PLYTEK Brands | National |
| Bubble Caps, Carbon and Graphite | National |
| Burnishing Tools | Haynes |
| Bushings, Alloy | Haynes |
| Bushings, Carbon and Graphite | National |
| 1,3-Butadiene | Carbide |
| Butanol | Carbide |
| 1-Butoxyethoxy-2-Propanol | Carbide |
| Butyl Acetate | Carbide |
| Butyl Acrylate | Carbide |
| Butyl Amine | Carbide |
| Butyl Benzoate | Carbide |
| Butyl CARBITOL | Carbide |
| Butyl CARBITOL Acetate | Carbide |
| Butyl CELLOSOLVE | Carbide |
| Butyl CELLOSOLVE Acetate | Carbide |
| Butyl Chloride | Carbide |
| Butyl Ether | Carbide |
| Butyraldehyde | Carbide |
| Butyric Acid | Carbide |
| Butyric Anhydride | Carbide |

## C

| Product | Company |
|---|---|
| Calcined Anthracite Coal | National |
| Calcined Petroleum Coke | National |
| Calcium-Bearing Ferrosilicon | Electromet |
| Calcium-Boride | Electromet |
| Calcium Carbide, In Drums or Bulk | Linde |
| Calcium Carbide Residue: | |
| Dry and Wet | Electromet |
| Dry and Wet | Linde |
| Calcium-Manganese-Silicon | Electromet |
| Calcium Metal and Alloys | Electromet |
| Calcium-Silicon | Electromet |
| Calcium Tungstate | Electromet |
| Calcium Tungstate Nuggets | Electromet |
| Carbide, Calcium, In Drums or In Bulk | Linde |
| Carbide, Cast Tungsten | Haynes |
| Carbide Residue | Electromet |
| Carbide Residue | Linde |
| CARBITOL Acetate | Carbide |
| CARBITOL Solvent | Carbide |
| CARBOCELL Porous Carbon | National |
| Carbon: | |
| Activated | National |
| Crushed Resistor | National |
| Granular and Globular | National |
| Carbon Anodes | National |
| Carbon Beams | National |
| Carbon Blast Furnace Linings | National |
| Carbon Blocks | National |
| Carbon Bricks | National |
| Carbon Brushes | National |
| Carbon Bubble Caps | National |
| Carbon Contacts | National |
| Carbon Crucibles | National |
| Carbon Cupola Linings | National |
| Carbon Electrodes | National |
| Carbon Flour and Powder | National |
| Carbon Furnace Liner Blocks | National |
| Carbon and Graphite Welding Electrodes | National |
| Carbon Grill Plates | National |
| Carbon Molds for Tungsten Carbide | National |
| Carbon Mold Plugs | National |
| Carbon Nipples | National |
| Carbon Packing, Piston, and Seal Rings | National |
| Carbon Paste | National |
| Carbon Paste, Welding | National |
| Carbon Plates | National |
| Carbon Raschig Rings | National |
| Carbon Scrap | National |
| Carbon Specialties (Mechanical and Chemical) | National |
| Carbon Tower Packing | National |
| Carbon Tank Linings | National |
| Carbon Tubes (Not Impregnated) and Special Shapes Used in Chemical Industries | National |
| Carbonaceous Cement | National |
| Carbonizing Assistants | Carbide |
| Carbons: | |
| Blueprinting | National |
| Illuminating | National |
| Industrial | National |
| Projector | National |

| Product | Company |
|---|---|
| Carbons (Contd) | |
| Photographic and Photoengraving | National |
| Searchlight | National |
| Therapeutic | National |
| Ultraviolet | National |
| Welding (Rounds and Plates) | National |
| CARBOSEAL Antileak | Carbide |
| CARBOWAX Methoxy Polyethylene Glycols | Carbide |
| CARBOWAX Polyethylene Glycols | Carbide |
| CARBOXIDE Fumigant | Carbide |
| Carburite—For Recarburizing Steel | National |
| Car Cleaner, PRESTONE Brand | National |
| Car Polish, PRESTONE Brand | National |
| Car Wax, PRESTONE Brand | National |
| CASCADE Oxygen and Nitrogen | Linde |
| Casings: | |
| Cellulose | Visking |
| Food | Visking |
| Meat | Visking |
| Plastic | Visking |
| VISKING Brand | Visking |
| Cast Film | Bakelite |
| Castings: | |
| Abrasion-Resistant | Haynes |
| Acid-Resistant | Haynes |
| Alloy | Haynes |
| Corrosion-Resistant | Haynes |
| Heat-Resistant | Haynes |
| Investment | Haynes |
| Wear-Resistant | Haynes |
| Catalyst Carriers | National |
| Cathodic Protection Anodes, Graphite | National |
| CELLOSIZE Hydroxyethyl Cellulose | Carbide |
| CELLOSOLVE Acetate | Carbide |
| CELLOSOLVE Solvent | Carbide |
| Cellulose Film | Visking |
| Cerium-Bearing Magnesium-Ferrosilicon | Electromet |
| Charge Chrome | Electromet |
| Chemical Plant Apparatus, Machinery, etc., (Corrosion-Resistant) | Haynes |
| Chemical Processing Equipment, KARBATE Impervious Graphite | National |
| Chemical Processing Units: | |
| Corrosion-Resistant | Haynes |
| Heat-Resistant | Haynes |
| CHLORASOL Fumigant | Carbide |
| Chlordane, 72% Concentrate EVEREADY Brand | National |
| Chlordane Dust, 6% EVEREADY Brand | National |
| CHLOREX Solvent for Oil Refining (Dichlorethyl Ether) | Carbide |
| Chlorinated Naphthalenes | Bakelite |
| Chlorine Compounds, Organic | Carbide |
| Chrome Cleaner, PRESTONE Brand | National |
| Chrome Protector, PRESTONE Brand | National |
| Chromium Briquets | Electromet |
| Chromium Carbide | Electromet |
| Chromium Metal and Alloys | Electromet |
| Chromium Metal: | |
| Electrolytic | Electromet |
| Nitrogen-Bearing | Electromet |



X410107

CHROMTEMP Exothermic Ferrochome ..... Electromet
Cleaner for Cooling Systems, PRESTONE Brand ..... National
Cleaning Agents ..... Carbide
Coal Electrodes ..... National
Coated Paper ..... Bakelite
Coating Resins, Silicone ..... Silicones
Coatings, Aluminum Oxide and Tungsten Carbide ..... Linde
Coils, Heating and Cooling, Corrosion-Resistant ..... Haynes
Coke Electrodes ..... National
Cold Treating Machines ..... Linde
COLUMBIA Activated Carbon ..... National
COLUMBIA Activated Carbon for Solvent Recovery ..... Carbide
COLUMBIA Dry Cells ..... National
EVEREADY, COLUMBIA, GRAY LABEL Long Life Telephone Cell for Telephone Service ..... National
COLUMBIA Railway Signal Cells for Semaphores, Train Control and Crossing Signals ..... National
Columbium Alloys ..... Electromet
Columbium Oxide ..... Electromet
Columns, Absorbing, Fractionating ..... National
Compounds, Rubber, Silicone ..... Silicones
Compressed Gas Cylinders ..... Linde
Condensers, KARBATE Impervious Graphite ..... National
Connecting Pins, Carbon and Graphite Electrode ..... National
Contacts, For Circuit Breakers ..... National
Controllers, EVEREADY Electric Fence ..... National
Cooling System Cleaner ..... National
Cooling System Flushing Gun ..... National
Copper Acetate (Cupric) ..... Carbide
Corrosion Inhibitors A and C, MORLEX Brand ..... Carbide
Corrosion-Resistant Alloys ..... Haynes
Corrosion-Resistant Carbon and Graphite ..... National
Corundum, Synthetic ..... Linde
Counterbores ..... Haynes
Coupling Agents ..... Carbide
Crabgrass Preventive, 72% Chlordane EVEREADY Brand ..... National
CRAG Agricultural Chemicals ..... Carbide
CRAG Fly Repellent ..... Carbide
CRAG Fungicide 974 ..... Carbide
CRAG Glycodin ..... Carbide
CRAG Herbicide DCU-73W ..... Carbide
CRAG MYLONE Fungicide 85W ..... Carbide
CRAG SESONE Herbicide ..... Carbide
CRAG SEVIN Experimental Insecticide ..... Carbide
Cresol Resins and Solutions ..... Bakelite
Crotonaldehyde ..... Carbide
Crotonic Acid ..... Carbide
Crucibles, Graphite ..... National
Crushed Resister Carbon, Used in Certain Types of Heat-Treating Furnaces ..... National
Crystals, Synthetic ..... Linde
Cupola Linings ..... National
Cutters, Milling Machine ..... Haynes
Cutting Apparatus, Oxy-Acetylene and Electric Arc ..... Linde
Cutting Machines, Oxy-Acetylene ..... Linde
Cutting Oils, UCON Brand ..... Carbide
Cutting Tools, HAYNES STELLITE Alloy ..... Haynes
Cylinders, Carbon and Graphite ..... National
Cylinders for Acetylene, Propane Refrigerants and Other Compressed Gases ..... Linde


## D


Iso-Decanol (Mixed Isomers) ..... Carbide
Decyl Acrylate (Mixed Isomers) ..... Carbide
Defoaming Agents ..... Carbide
Defoaming Agents, Silicone ..... Silicones
Degreasing Agents ..... Carbide
Dehydration Agents ..... Carbide
Denaturants ..... Carbide
Denatured Alcohol (Ethanol) ..... Carbide
Dental Instruments, HAYNES STELLITE Alloy ..... Haynes
Deodorizers ..... Carbide
Deoxidizers (Steel and Iron) ..... Electromet
Descaling Apparatus, Oxy-Acetylene ..... Linde
Desiccants ..... Linde
Detergents ..... Carbide
Diacetone Alcohol ..... Carbide
Dibutyl Amine ..... Carbide
Dibutyl CARBITOL ..... Carbide
Dibutyl CELLOSOLVE ..... Carbide
Dibutyl Ether (Butyl Ether) ..... Carbide
Dibutyl Tin Dilaurate (Stabilizer D-22) ..... Carbide
Dichlorethyl Ether ..... Carbide
Dichlorisopropyl Ether ..... Carbide
Dicyclopentadiene (70%) ..... Carbide
Didecyl Adipate (FLEXOL Plasticizer 10-A) ..... Carbide
Didecyl Phthalate (FLEXOL Plasticizer 10-10) ..... Carbide
Diethanolamine ..... Carbide
Diethylacetic Acid (Ethylbutyric Acid) ..... Carbide
Diethyl Amine ..... Carbide
Diethylaminoethanol (Diethylethanolamine) ..... Carbide
Diethylamine Propylamine ..... Carbide
Diethyl CARBITOL ..... Carbide
Diethylene Glycol ..... Carbide
Diethylene Glycol Dibutyl Ether (Dibutyl CARBITOL) ..... Carbide
Diethylene Glycol Diethyl Ether (Diethyl CARBITOL) ..... Carbide
Diethylene Glycol Monobutyl Ether (Butyl CARBITOL) ..... Carbide
Diethylene Glycol Monobutyl Ether Acetate (Butyl CARBITOL Acetate) Carbide
Diethylene Glycol Monoethyl Ether (CARBITOL Solvent) ..... Carbide
Diethylene Glycol Monoethyl Ether Acetate (CARBITOL Acetate) ..... Carbide
Diethylene Glycol Monohexyl Ether (Hexyl CARBITOL) ..... Carbide
Diethylene Glycol Monomethyl Ether (Methyl CARBITOL) ..... Carbide
Diethylene Triamine ..... Carbide
N,N-Diethyl Ethanolamine ..... Carbide
Di(2-Ethylhexyl) Adipate (FLEXOL Plasticizer A-26) ..... Carbide
Di(2-Ethylhexyl) Amine ..... Carbide
Di(2-Ethylhexyl) Hexahydrophthalate (FLEXOL Plasticizer CC-55) ..... Carbide
Di(2-Ethylhexyl) Maleate ..... Carbide
Di(2-Ethylhexyl) Phthalate (FLEXOL Plasticizer DOP) ..... Carbide
Diethyl Ketone ..... Carbide
Diethyl Maleate ..... Carbide
2,2-Diethyl-1,3-Propanediol ..... Carbide
Diethyl Succinate ..... Carbide
Diethyl Sulfate ..... Carbide
3,9-Diethyl-6-Tridecanol (Heptadecanol) ..... Carbide
Diffusers, Carbon and Graphite ..... Carbide, National
Digiycol (Diethylene Glycol) ..... Carbide
Dihexyl Ether (Hexyl Ether) ..... Carbide
Diisobutyl Carbinol ..... Carbide
Diisobutyl Ketone ..... Carbide
Diisopropanolamine ..... Carbide
Diisopropyl Amine ..... Carbide
Diisopropyl Ether (Isopropyl Ether) ..... Carbide
Dimethylamino Propylamine ..... Carbide
1,3-Dimethyl Butyl Acetate (Methyl Amyl Acetate) ..... Carbide
Dimethyl Ethanolamine ..... Carbide
2,6-Dimethyl-4-Heptanol (Diisobutyl Carbinol) ..... Carbide
2,6-Dimethyl-4-Heptanone (Diisobutyl Ketone) ..... Carbide
Dioctylamine [Di(2-Ethylhexyl) Amine] ..... Carbide
Dioctyl Phthalate (FLEXOL Plasticizer DOP) ..... Carbide
1,4-Dioxane ..... Carbide
Dipropylene Glycol ..... Carbide
Disinfectants ..... Carbide
Dispersion Agents ..... Carbide
DRIOX Oxygen and Nitrogen ..... Linde
Dry Batteries ..... National
Dry Battery Fillers, Graphite ..... National
Dry Cells (All Kinds) ..... National
Dry Cleaning Agents ..... Carbide
Dynel Synthetic Fiber ..... Carbide


## E


Earphone Batteries ..... National
Ejectors, Carbon and Graphite ..... National
Elastomers, Silicone ..... Silicones
Electric Welding and Cutting Equipment ..... Linde
Electrode Joint Compound ..... National
Electrode Nipples ..... National
Electrode Packing Material ..... National
Electrodes:
Alloy, Abrasion-, Heat-, and Corrosion-Resistant ..... Haynes
Battery ..... National
Carbon and Graphite ..... National
Coal and Coke Furnace ..... National




X410108

| Product | Company |
|---|---|
| Electrodes (Contd) | |
| For Graphitizing | National |
| Midget | National |
| Tungsten for Welding | Linde |
| Electrolytic Anodes, Carbon and Graphite | National |
| Electrolytic Chromium Metal | Electromet |
| Electrolytic Manganese Metal | Electromet |
| Electrolytic Manganese Metal, Nitrogen Bearing | Electromet |
| ELECTROMET Ferro-Alloys and Metals | Electromet |
| Electrothermic Electrodes, Carbon and Graphite | National |
| EM Briquets | Electromet |
| EM Ferrochrome-Silicon | Electromet |
| EM Ferrosilicon-Chrome | Electromet |
| Emulsifying Agents | Carbide |
| Emulsions, Silicone | Silicones |
| Enclosed Arc Carbons | National |
| Entrainment Separator, KARBATE Impervious Graphite | National |
| Epichlorhydrin | Carbide |
| Epoxy Resins | Bakelite |
| Esters | Carbide |
| Ethane | Carbide |
| Ethanol (190 Proof) | Carbide |
| Ethanol (200 Proof) | Carbide |
| Ethanolamines | Carbide |
| Ethers | Carbide |
| 2-Ethoxy-3,4-Dihydro-2H-Pyran | Carbide |
| Ethoxytriglycol | Carbide |
| Ethyl Acetate | Carbide |
| Ethyl Acetoacetate | Carbide |
| Ethyl Acrylate | Carbide |
| Ethyl Alcohol (Ethanol) | Carbide |
| Ethyl Amine | Carbide |
| Ethylbenzene | Carbide |
| 2-Ethylbutanol | Carbide |
| 2-Ethylbutyl Alcohol (2-Ethylbutanol) | Carbide |
| Ethyl Butyl Ketone | Carbide |
| 2-Ethyl-2-Butyl-1,3-Propanediol | Carbide |
| 2-Ethylbutyric Acid | Carbide |
| Ethylene Carbonate | Carbide |
| Ethylene Chlorhydrin | Carbide |
| Ethylene Cyanohydrin | Carbide |
| Ethylene Diamine | Carbide |
| Ethylene Dichloride | Carbide |
| Ethylene Glycol | Carbide |
| Ethylene Glycol Anti-Freeze other than PRESTONE Brand | Carbide |
| Ethylene Glycol Diacetate (Glycol Diacetate) | Carbide |
| Ethylene Glycol Dibutyl Ether (Dibutyl CELLOSOLVE) | Carbide |
| Ethylene Glycol Monobutyl Ether (Butyl CELLOSOLVE) | Carbide |
| Ethylene Glycol Monobutyl Ether Acetate (Butyl CARBITOL Acetate) | Carbide |
| Ethylene Glycol Monoethyl Ether (CELLOSOLVE Brand Solvent) | Carbide |
| Ethylene Glycol Monoethyl Ether Acetate (CELLOSOLVE Acetate) | Carbide |
| Ethylene Glycol Monohexyl Ether (Hexyl CELLOSOLVE) | Carbide |
| Ethylene Glycol Monomethyl Ether (Methyl CELLOSOLVE) | Carbide |
| Ethylene Glycol Monomethyl Ether Acetate (Methyl CELLOSOLVE Acetate) | Carbide |
| Ethylene Oxide | Carbide |
| Ethylene Oxide Containers | Linde |
| Ethyl Ether (Ethyl Oxide) | Carbide |
| Ethyl Formate | Carbide |
| 2,2'-(2-Ethylhexamide) Diethyl Di(2-Ethylhexoate) (FLEXOL Plasticizer 8N8) | Carbide |
| 2-Ethyl-1,3-Hexanediol | Carbide |
| 2-Ethylhexanol | Carbide |
| 2-Ethylhexoic Acid | Carbide |
| 2-Ethylhexyl Acetate | Carbide |
| 2-Ethylhexyl Acrylate | Carbide |
| 2-Ethylhexyl Alcohol (2-Ethylhexanol) | Carbide |
| 2-Ethylhexyl Amine | Carbide |
| 2-Ethylhexyl Chloride | Carbide |
| 7-Ethyl-2-Methyl-4-Undecanol (Tetradecanol) | Carbide |
| N-Ethyl Morpholine | Carbide |
| 5-Ethyl-2-Nonanol (Undecanol) | Carbide |
| Ethyl Silicates | Carbide |
| Evaporators, KARBATE Impervious Graphite | National |
| EVEREADY Dry Cells, for Ignition and all General Purposes, HOT SHOT Batteries | National |
| EVEREADY Flashlights and Batteries | National |
| EVEREADY Hearing-Aid Batteries | National |
| EVEREADY Lamps, (Flashlight and Auto) | National |
| EVEREADY Photoflash Batteries | National |
| EVEREADY Radio Batteries | National |
| Exchangers, KARBATE Impervious Graphite Heat | National |
| Exothermic Ferrochrome | Electromet |
| Exothermic Ferromanganese, MANTEMP Brand | Electromet |
| Exothermic Silicon-Chrome | Electromet |

# F

| | |
|---|---|
| Facers, Spot | Haynes |
| Ferroalloys | Electromet |
| Ferro-Aluminum-Silicon | Electromet |
| Ferroboron | Electromet |
| Ferrochrome: | |
| Exothermic | Electromet |
| Foundry | Electromet |
| Low- and High-Carbon | Electromet |
| Low-Chromium High-Carbon | Electromet |
| Medium-Carbon | Electromet |
| Nitrogen-Bearing | Electromet |
| SIMPLEX Low Carbon | Electromet |
| SIMPLEX Nitrogen-Bearing Low Carbon | Electromet |
| SM Brand | Electromet |
| Ferrochrome-Silicon | Electromet |
| Ferrocolumbium | Electromet |
| Ferromanganese: | |
| Exothermic, MANTEMP Brand | Electromet |
| Low Iron | Electromet |
| Low- and Medium-Carbon | Electromet |
| Ferrochrome (Contd) | |
| Low-Phosphorus | Electromet |
| Nitrogen-Bearing | |
| Medium-Carbon | Electromet |
| Standard | Electromet |
| Ferromanganese Briquets | Electromet |
| Ferrosilicon | Electromet |
| Ferrosilicon, Boron-Bearing | Electromet |
| Ferrosilicon, Calcium-Bearing | Electromet |
| Ferrosilicon, Low-Aluminum | Electromet |
| Ferrosilicon, Low-Impurity | Electromet |
| Ferrosilicon-Chrome | Electromet |
| Ferrosilicon-Chrome, Foundry | Electromet |
| Ferrotantalum-Columbium | Electromet |
| Ferrotitanium | Electromet |
| Ferrotitanium, Boron-Bearing 70% | Electromet |
| Ferrotungsten | Electromet |
| Ferrovanadium | Electromet |
| Ferrovanadium, Foundry | Electromet |
| Fiber, Synthetic | Carbide |
| Filter Carbon | National |
| Filters, Chemical (Alloy Parts For) | Haynes |
| Film, Cellulose | Visking |
| Film and Sheeting | Bakelite |
| Film and Sheeting, Polyethylene | Visking |
| Fittings: | |
| Alloy Pipe | Haynes |
| KARBATE Impervious Graphite | National |
| Fixatives, Perfume | Carbide |
| Flame-Blasting Apparatus | Linde |
| Flame-Cleaning Apparatus | Linde |
| Flame-Cutoff Apparatus for Glass | Linde |
| Flame-Cutting Apparatus | Linde |
| Flame-Descaling Apparatus | Linde |
| Flame-Gouging Apparatus | Linde |
| Flame-Hardening Apparatus | Linde |
| Flame-Plating | Linde |
| Flame-Polishing Apparatus for Glass | Linde |
| Flame-Priming Apparatus | Linde |
| Flame-Softening Apparatus | Linde |
| Flame-Spinning Apparatus | Linde |
| Flame-Spraying Apparatus | Linde |
| Flashlight Lamps, EVEREADY Brand | National |
| Flashlights and Batteries | National |
| Flexible Packaging Materials | Visking |
| FLEXOL Plasticizers, DOP, 426, 3GH, 3GO, 4GO, TOF, 8N8, 8-400, A-26, R-2H, CC-55, 810, 10-10, 10-A | Carbide |
| Floodlights: | |
| Acetylene | Linde |
| Carbon Electrodes For | National |
| Floral Dust, EVEREADY Brand | National |
| Flotation Agents | Carbide |
| Flowmeters for Oxygen, Argon, and Helium | Linde |
| Fluorothene Resins and Compounds | Bakelite |
| Fluxes for Welding and Brazing | Linde |
| Fluxing Tubes, Graphite | National |
| Foam Inhibitors, Boiler | Carbide |
| Food Casings | Visking |
| Forgings, Alloy, Rounds and Rectangles | Haynes |
| Formaldehyde | Carbide |
| 2-Formyl-3,4-Dihydro Pyran (Acrolein Dimer) | Carbide |
| Foundry Alloys | Electromet |



X410109

| Product | Company |
|---|---|
| Foundry Ferrochrome | Electromet |
| Foundry Ferrosilicon-Chrome | Electromet |
| Foundry Ferrovanadium | Electromet |
| Fumigants | Carbide |
| Fungistat, Food (Sorbic) | Carbide |
| Fused Vanadium Oxide | Electromet |

# G

| Product | Company |
|---|---|
| Garden, Products For, EVEREADY Brand | National |
| Gas Dehydration—Diethylene Glycol, Triethylene Glycol | Carbide |
| Gases, Industrial Argon, (Acetylene, Hydrogen, Nitrogen, Oxygen, and Mixtures) | Linde |
| Gases, Rare (Argon, Neon, Helium, Xenon, Krypton) | Linde |
| Gas for Welding and Cutting | Linde |
| Gas, Bottled (LP Gas), PYROFAX Brand | Pyrofax |
| Gas Line Anti-Freeze and Conditioner, PRIME Brand | National |
| Gems, Synthetic Industrial | Linde |
| Generator Brushes | National |
| Generators, Acetylene | Linde |
| Getters, Barium (Radio, Television, and Electronic Tube) | Kemet |
| Glass Finishes, Silicone | Silicones |
| Globular Carbon (Used in Telephone Instruments) | National |
| Glutaraldehyde | Carbide |
| Glycol (Ethylene Glycol) | Carbide |
| Glycol Diacetate | Carbide |
| Glycol-Ethers | Carbide |
| Glycols For Gas Treatment | Carbide |
| Glycols and Triols | Carbide |
| Glyodin, CRAG Brand | Carbide |
| Glyoxal | Carbide |
| Granular Carbon (Used in Telephone Instruments) | National |
| GRAPHICELL Porous Graphite | National |
| Graphite (Powders, Rods, Plates, and Tubes) | National |
| Graphite for Atomic Energy Applications | National |
| Graphite Anodes: | |
| Cathodic Protection | National |
| Electrolytic | National |
| Radio Tube and Mercury Arc Rectifiers | National |
| Graphite Bearings, Bushings, Rings | National |
| Graphite Blocks | National |
| Graphite Brushes | National |
| Graphite Contacts | National |
| Graphite Nipples | National |
| Graphite Products (Electric Furnace Graphite, Electrodes, and Powders) | National |
| Graphite Plungers for Dashpots of Arc Lamps | National |
| Graphite Specialties (Electrical, Mechanical, and Chemical) | National |
| GRAY LABEL Telephone Cell | National |
| Grease, Silicone | Silicones |
| Greases, Synthetic | Carbide |
| Grid for Power Rectifiers | National |
| Grinder Rests and Centers | Haynes |
| Grindings Conversion | Electromet |
| Guides, Mill, HAYNES STELLITE Alloy | Haynes |
| Gum, Silicone | Silicones |

# H

| Product | Company |
|---|---|
| Halide Gas Leak Detectors | Linde |
| HALOWAX Chlorine-Containing Compounds | Bakelite |
| Hard-Facing Materials | Haynes |
| Hard-Facing Rods | Haynes |
| HASCROME Iron-Base Hard-Facing Rods | Haynes |
| HASTELLOY Nickel-Base Heat-Resistant Alloys C, X, R-235 | Haynes |
| HASTELLOY Nickel-Base Corrosion-Resistant Alloys (Bar, Castings, Forgings, Plate, Sheet, Tubing, Wire, and Welding Rods) | Haynes |
| HAYNES Alloy | Haynes |
| HAYNES Investment Castings | Haynes |
| HAYNES STELLITE Alloy Castings | Haynes |
| HAYNES STELLITE Cobalt-Chromium-Tungsten Abrasion-Resistant Alloys | Haynes |
| HAYNES STELLITE Fabricated Machinery Wearing Parts | Haynes |
| HAYNES STELLITE Metal-Cutting Tools | Haynes |
| HAYNES Iron-Base Hard-Facing Alloy Welding Rod for Hard-Facing Wearing Parts | Haynes |
| HAYNES STELLITE 98M2 Metal Cutting Tools | Haynes |
| HAYNES STELLITE Star J-Metal Cutting Tools | Haynes |
| HAYNES STELLITE Welding Rod for Hard-Facing Metal Parts Subjected to Heat, Abrasive Wear, Corrosion, Erosion, or Combination of These | Haynes |
| HAYSTELLITE Cast Tungsten Carbide Products for Hard-Facing and Hard-Setting Oil Well Drilling Tools and Other Wearing Parts | Haynes |
| HAYSTELLITE Inserts (For Hard-Setting Drilling Tools) | Haynes |
| HAYSTELLITE Tube Rod (Crushed Cast Tungsten Carbide Contained in a Steel Tube) | Haynes |
| Hearing-Aid Batteries, EVEREADY Brand | National |
| Heat Exchangers (Corrosion-Resistant Alloy Parts For) | Haynes |
| Heat Exchangers and Interchangers, KARBATE Impervious Graphite | National |
| Heating Apparatus, Air-Acetylene and Oxy-Acetylene | Linde |
| Heat-Treating Blowpipes | Linde |
| HELIARC Gas-Shielded Arc Welding Apparatus | Linde |
| Heptadecanol | Carbide |
| Herbicides | Carbide |
| 2,4-Hexadienoic Acid | Carbide |
| 1,2,6-Hexanetriol | Carbide |
| 1-Hexanol | Carbide |
| Hexone (Methyl Isobutyl Ketone) | Carbide |
| Hexyl Alcohol (Hexanol) | Carbide |
| Hexyl CARBITOL | Carbide |
| Hexyl CELLOSOLVE | Carbide |
| Hexyl Ether | Carbide |
| Hexylene Glycol | Carbide |
| High-Carbon Ferrochrome | Electromet |
| High-Carbon Ferrochrome, Low-Chromium | Electromet |
| High-Carbon Ferromanganese, MANTEMP Exothermic | Electromet |
| High-Purity Chromium | Electromet |
| Hose, Welding and Cutting | Linde |
| HOT SHOT Batteries | National |
| Hydrate Lime, Wet and Dry, By-Product | Electromet |
| Hydrate Lime, Wet and Dry, By-Product | Linde |
| Hydraulic Back-Pressure Valves | Linde |
| Hydraulic Fluids: | |
| Silicone | Silicones |
| UCON Brand | Carbide |
| Hydrocarbons | Carbide |
| Hydrogen | Linde |
| Hydrolube Safety Hydraulic Fluids UCON Brand | Carbide |
| 2-Hydroxyadipaldehyde | Carbide |
| Hydroxyethyl Cellulose | Carbide |
| Hydroxyethyl Ethylene Diamine (Aminoethylethanolamine) | Carbide |
| 1-Hydroxyethyl-2-Heptadecenyl Glyoxalidine (Amine 220) | Carbide |
| 2-Hydroxyethylmercaptan (Mercaptoethanol) | Carbide |
| N-Hydroxyethyl Piperazine | Carbide |
| 4-Hydroxy-4-Methyl-2-Pentanone (Diacetone Alcohol) | Carbide |
| Hygroscopic Agents | Carbide |

# I

| Product | Company |
|---|---|
| Illuminating Carbons, NATIONAL Brand | National |
| Impellers, Corrosion-Resistant Alloy | Haynes |
| Impregnating Resins, Silicone | Silicones |
| Inhibitors | Carbide |
| Injector Parts, Carbon and Graphite | National |
| Inoculants | Electromet |
| Insect Killer (Aerosol), Home and Garden, EVEREADY Brand | National |
| Insect Repellent, "6-12" Brand | Carbide |
| Insulating Resins, Silicone | Silicones |
| INTENSARC Welding Electrodes | National |
| Intermediates and Solvents | Carbide |
| Isobutanol | Carbide |
| Isobutyl Acetate | Carbide |
| Isobutyl Heptyl Ketone (2,6,8-Trimethyl-4-Nonanone) | Carbide |
| Isobutyraldehyde | Carbide |
| Isophorone | Carbide |
| Isopropanol | Carbide |
| Isopropanol (91% by Volume) | Carbide |
| Isopropanolamine (Mixed) | Carbide |



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| Product | Company |
|---|---|
| Isopropyl Acetate | Carbide |
| Isopropyl Amine | Carbide |
| Isopropyl Ether | Carbide |

## J

| Product | Company |
|---|---|
| Jaws, Chuck, HAYNES STELLITE Alloy | Haynes |
| Jet-Piercing and Jet-Channelling Equipment for Quarries | Linde |
| Jewels, Synthetic (Sapphire, Ruby, and Spinel) | Linde |

## K

| Product | Company |
|---|---|
| KARBATE Impervious Graphite Products | National |
| Ketones | Carbide |
| Knives, Rubber and Cloth (Cutting) | Haynes |
| KRENE Film and Sheeting | Bakelite |
| KROMFAX Solvent | Carbide |
| Krypton Gas | Linde |

## L

| Product | Company |
|---|---|
| Lamps: | |
| Automobile and Flashlight | National |
| Miniature, EVEREADY Brand | National |
| Lances, Oxygen Cutting | Linde |
| Lantern Batteries | National |
| Lead Burning Equipment | Linde |
| Leak Detector, Halide Gas | Linde |
| Leveling Agents, Silicone | Silicones |
| Lime Hydrate, Wet and Dry By-Product | Electromet |
| Lime Hydrate, Wet and Dry By-Product | Linde |
| LIN-DE-SURFACER Scarfing Machine | Linde |
| Lineman's Outfits | Linde |
| Liquefied Gas: | |
| Containers | Linde |
| Converters | Linde |
| Refrigerators | Linde |
| Liquefied Petroleum Gas | Pyrofax |
| Liquefied Petroleum Gas Cylinders | Linde |
| Liquid Oxygen, Nitrogen, and Argon | Linde |
| Low-Aluminum Ferrosilicon | Electromet |
| Low-Carbon Ferrochrome | Electromet |
| Low-Carbon Ferrochrome (Nitrogen Bearing) | Electromet |
| Low-Carbon Ferrochrome, SIMPLEX Brand | Electromet |
| Low-Carbon Ferrochrome, SIMPLEX Brand (Nitrogen Bearing) | Electromet |
| Low-Carbon Ferromanganese | Electromet |
| Low-Carbon Ferrotitanium | Electromet |
| Low-Chromium High-Carbon Ferrochrome | Electromet |
| Low-Iron Ferromanganese | Electromet |
| Low-Phosphorous Ferromanganese | Electromet |
| Low-Phosphorous Low-Carbon Ferromanganese | Electromet |
| Lubricants: | |
| Silicone | Silicones |
| Synthetic, UCON Brand | Carbide |
| Lubricating Graphite | National |
| Lubricating Rods, Locomotive Wheel Flange, Graphite | National |

## M

| Product | Company |
|---|---|
| Machine-Cutting Blowpipes | Linde |
| Manganese-Aluminum-Titanium | Electromet |
| Magnesium-Ferrosilicon | Electromet |
| Magnesium-Ferrosilicon, Cerium Bearing | Electromet |
| Manganese-Boron | Electromet |
| Manganese Metal and Alloys | Electromet |
| Manganese Metal, Electrolytic | Electromet |
| Manganese Metal, Nitrogen-Bearing Electrolytic | Electromet |
| Manganese-Nickel-Titanium | Electromet |
| Manifolds, Oxygen and Acetylene | Linde |
| MANSILOY Alloy | Electromet |
| MANTEMP Exothermic Ferromanganese | Electromet |
| Masonry Water Repellents | Silicones |
| McKAY Cylinder Valves | Linde |
| Meat Casings | Visking |
| Medical Oxygen | Linde |
| Medium-Carbon Ferrochrome | Electromet |
| Medium-Carbon Ferromanganese | Electromet |
| Medium-Carbon Ferromanganese, Nitrogen-Bearing | Electromet |
| 2-Mercaptoethanol | Carbide |
| Mercerizers | Carbide |
| Mesityl Oxide | Carbide |
| Metal Ceramics | Haynes |
| Metal-Cutting Tools | Haynes |
| Metallic Salts | Carbide |
| Metals: | |
| Abrasion-Resistant Alloys | Haynes |
| Acid-Resistant Alloys | Haynes |
| Calcium | Electromet |
| Chromium | Electromet |
| Corrosion-Resistant | Haynes |
| Hard-Facing Rods | Haynes |
| Heat-Resistant Alloys | Haynes |
| Manganese | Electromet |
| Rare | Nuclear |
| Silicon | Electromet |
| Tungsten, Powder | Electromet |
| Vacuum-Melted | Haynes |
| Vanadium | Electromet |
| Methacrolein | Carbide |
| Methane | Carbide |
| Methanol | Carbide |
| Methanol Anti-Freeze (Other than TREK Brand) | Carbide |
| Methoxy Polyethylene Glycols, CARBOWAX Brand | Carbide |
| Methoxytriglycol | Carbide |
| Methoxytriglycol Acetate | Carbide |
| Methyl Acetone, Synthetic | Carbide |
| Methyl Alcohol (Methanol) | Carbide |
| Methyl Amyl Acetate | Carbide |
| Methyl Amyl Alcohol | Carbide |
| Methyl n-Amyl Ketone | Carbide |
| alpha-Methylbenzyl Ether | Carbide |
| Methyl CARBITOL | Carbide |
| Methyl CELLOSOLVE | Carbide |
| Methyl CELLOSOLVE Acetate | Carbide |
| N-Methyl Diethanolamine | Carbide |
| Methyl Ethyl Ketone | Carbide |
| 2-Methyl-5-Ethyl Pyridine | Carbide |
| Methyl Isobutyl Ketone | Carbide |
| 4-Methyl-2-Pentanol (Methyl Amyl Alcohol) | Carbide |
| 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) | Carbide |
| 4-Methylpentyl-2-Acetate (Methyl Amyl Acetate) | Carbide |
| N-Methyl Piperazine | Carbide |
| Methyl Propyl Ketone | Carbide |
| Midget Electrodes | National |
| Mill Scale Conversion | Electromet |
| Milling Cutters, End, Plain, and Side; Solid and Inserted Blades | Haynes |
| Miniature Lamps, EVEREADY Brand | National |
| MINI-MAX Radio Batteries | National |
| Mold Release Agents, Silicone | Silicones |
| Molds, Carbon and Graphite | National |
| Molecular Sieves | Linde |
| Molybdenite Concentrates | Nuclear |
| Molybdenum Disilicide | Electromet |
| Molybdic Oxide | Nuclear |
| Monoethanolamine | Carbide |
| Monoisopropanolamine | Carbide |
| Monomer MG-1 | Carbide |
| Monomers | Carbide |
| Monomers, Silicone | Silicones |
| MORLEX Corrosion Inhibitors | Carbide |
| Morpholine | Carbide |
| Motor Brushes | National |
| MULTIMET Cast or Wrought Heat-Resistant Alloy | Haynes |
| Multipurpose Garden Spray, EVEREADY Brand | National |

## N

| Product | Company |
|---|---|
| NATIONAL Carbonaceous Cements | National |
| NATIONAL Sunshine Carbons | National |
| NATIONAL Therapeutic Carbons | National |
| Needles, Valve | Haynes |
| Neon Gas | Linde |
| NIAPROOF Water-Repellent Compounds | Carbide |
| NIATEX Antistatic AG-2 | Carbide |
| NIAX Diols and Triols | Carbide |
| Nickel-Boron | Electromet |
| Nickel-Molybdenum | Electromet |
| Nickel-Zirconium | Electromet |
| Nitrogen | Linde |
| Nitrogen-Bearing Chromium Metal | Electromet |
| Nitrogen-Bearing Electrolytic Manganese Metal | Electromet |
| Nitrogen-Bearing Low-Carbon Ferrochrome | Electromet |
| Nitrogen-Bearing Ferrochrome, SIMPLEX Low-Carbon | Electromet |

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| Product | Company |
|---|---|
| Nitrogen-Bearing Medium-Carbon Ferromanganese | Electromet |
| Nitrogen Compounds, Aliphatic | Carbide |
| Nonflammable Fluids, UCON Brand | Carbide |
| Nozzles, Cutting and Scarfing | Linde |
| Nozzles, Spray (Corrosion- and Abrasion-Resistant Alloys) | Haynes |

## O

| | |
|---|---|
| Octanol (2-Ethylhexanol) | Carbide |
| Octoic Acid (2-Ethylhexoic Acid) | Carbide |
| Octyl Acetate(2-Ethylhexyl Acetate) | Carbide |
| Octyl Alcohol (2-Ethylhexanol) | Carbide |
| Oil Additives | Carbide |
| Oils: | |
| Silicone | Silicones |
| Synthetic | Carbide |
| Organosilicones | Silicones |
| Oxides | Carbide |
| OXWELD Equipment and Supplies For Welding, Cutting, and Heat-Treating | Linde |
| Oxy-Acetylene Apparatus | Linde |
| OXYFUME Sterilant | Carbide |
| Oxygen | Linde |

## P

| | |
|---|---|
| Packing Rings, Carbon and Graphite | National |
| Paint Burners, Acetylene | Linde |
| Paper, Asbestos | Linde |
| Paraldehyde | Carbide |
| Penetrants | Carbide |
| 1,5-Pentanediol | Carbide |
| 2,4-Pentanedione | Carbide |
| Petroleum Coke: | |
| Calcined | National |
| Raw | National |
| Phenol (USP) | Carbide |
| Phenolic Resins and Compounds | Bakelite |
| Phenolic Spheres for Evaporation Control | Bakelite |
| Phenyl Diethanolamine | Carbide |
| Phenyl Ethanolamine | Carbide |
| Phenyl Ethyl Ethanolamine | Carbide |
| Phenyl Methyl Carbinol | Carbide |
| alpha-Picoline | Carbide |
| gamma-Picoline | Carbide |
| Phonograph Needles, Sapphire | Linde |
| Photoengraving Carbons | National |
| Photoflash Batteries, EVEREADY Brand | National |
| Photographic Arc Light Carbons | National |
| Pipe: | |
| Acid-Resistant Alloy | Haynes |
| Corrosion-Resistant | Haynes |
| Pipe Coils, Alloy | Haynes |
| Pipe and Fittings, KARBATE Brand Impervious Graphite | National |
| Pipe Fittings, Alloy | Haynes |
| Piperazine | Carbide |
| Piston Rods, Alloy | Haynes |
| Pivots (For Meters and Precision Instruments) | Haynes |

| Product | Company |
|---|---|
| Planished Elastomeric and Rigid Sheets | Bakelite |
| Plastic Casings | Visking |
| Plasticizers, FLEXOL Brand | Carbide |
| Plastics | Visking |
| Film and Sheeting, Polyethylene | |
| Flexible Packaging Materials | |
| Polyethylene Sheeting and Tubing | |
| Polytrifluoromonochlorethylene Sheeting, TRITHENE Brand | |
| TRITHENE Film | |
| Tubing, Flexible Polyethylene | |
| VISQUEEN Film | |
| Plastics and Resins | Bakelite |
| Bonding Materials | |
| Chlorinated Naphthalenes | |
| Cresol Resins and Solutions | |
| Epoxy Resins (C-8) | |
| Modified Phenolic Resins and Solutions | |
| Phenolic Resins and Solutions | |
| Phenolic Spheres for Evaporation Control | |
| Polystyrene Emulsions | |
| Resorcinol Resins and Solutions | |
| Urea Resins and Solutions | |
| Vinyl Resins | |
| ZYROX Resins and Compounds | |
| Calendering Materials | |
| Polyethylene | |
| Polystyrene | |
| Styrene Resins and Compounds | |
| Vinyl Chloride and Copolymer Resins and Compounds | |
| Extrusion Materials | |
| Acrylonitrile-Styrene Resins and Compounds (C-11) | |
| Fluorothene Resins and Compounds | |
| Polyethylene | |
| Polystyrene | |
| Polystyrene-Rubber Modified Compounds | |
| Styrene-Acrylonitrile Resins and Compounds (C-11) | |
| Vinyl Chloride and Copolymer Resins and Compounds (Rigid and Plasticized) | |
| ZYROX Resins and Compounds | |
| Film and Sheeting Materials | |
| Acrylonitrile-Styrene Copolymer Rigid Sheets (C-11) | |
| Vinyl Butyral Sheeting Safety Glass Interlayer | |
| Vinyl Chloride and Copolymer | |
| Calendered Rigid Sheeting | |
| Cast Film | |
| Planished Elastomeric Sheets | |
| Planished Rigid and Elastomeric Sheets | |
| Plasticized Calendered Film and Sheeting | |
| Plasticized Calendered Film and Sheeting (For Industrial Use) | |
| Flexible Packaging Materials | |
| Polyethylene | |
| Coated Paper | |

| Product | Company |
|---|---|
| Plastics and Resins (Contd) | Bakelite |
| Flexible Packaging Materials (Contd) | |
| Thin Film Extrusion (For Packaging) | |
| Vinyl Chloride and Copolymer | |
| Cast Film (For Packaging) | |
| Coated Paper | |
| Laminating Materials | |
| Chlorinated Naphthalenes | |
| Cresol Resins | |
| Epoxy Resins (C-8) | |
| Phenolic Resins | |
| Polyester Resins | |
| Polystyrene Emulsions | |
| Resorcinol Resins | |
| Urea Resins | |
| Silicone Resins | |
| Molding Materials | |
| Acrylonitrile-Styrene Resins and Compounds (C-11) | |
| Fluorothene Resins and Compounds | |
| Phenolic Resins and Compounds | |
| Polyethylene | |
| Polystyrene | |
| Polystyrene-Rubber Modified Compounds | |
| Resins and Molding Compounds (For Printing Plates) | |
| Silicone Resins and Compounds | |
| Styrene-Acrylonitrile Resins and Compounds (C-11) | |
| Vinyl Chloride and Copolymer Resins and Compounds (Rigid and Plasticized) | |
| Surface Coating Materials | |
| Chlorinated Naphthalenes | |
| Epoxy Resins (C-8) | |
| Phenolic Resins and Solutions | |
| Polyethylene | |
| Polystyrene Emulsions | |
| Vinyl Acetate Resins and Emulsions | |
| Vinyl Butyral Resins | |
| Vinyl Chloride and Copolymer Resins | |
| Vinyl Ether Resins | |
| ZYROX Resins | |
| Plate and Sheet, Alloy (For Resistance to Corrosion, Heat, and Abrasion) | Haynes |
| Plate-Edge Preparation Equipment | Linde |
| Plumber's Air-Acetylene Outfits | Linde |
| Plungers, Alloy | Haynes |
| PLYTEK Brushes | National |
| Polishing Powders | Linde |
| Polyester Resins | Bakelite |
| Polyethylene | Bakelite |
| Polyethylene Glycol Dimethacrylate (Monomer MG-1) | Carbide |
| Polyethylene Glycols, CARBOWAX Brand | Carbide |
| Polyethylene Glycol Di(2-Ethylhexoate) (FLEXOL Plasticizer 4GO) | Carbide |
| Polyethylene Sheeting and Tubing | Visking |
| POLYOX Water-Soluble Resins | Carbide |
| Polypropylene Glycols | Carbide |
| Polystyrene | Bakelite |
| Polytrifluoromonochlorethylene Sheeting, TRITHENE Brand | Visking |

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| Product | Company |
|---|---|
| Porous Carbon and Graphite, NATIONAL Brand | National |
| Potassium Acetate (Anhydrous) | Carbide |
| Powder-Cutting and Scarfing Equipment | Linde |
| Powders, Metal Alloy (For Spray Welding) | Haynes |
| Power Rectifier Anodes | National |
| Precipitator Tubes and Accessories | National |
| PREST-O-LITE Air-Acetylene Appliances | Linde |
| PREST-O-LITE Cylinders | Linde |
| PREST-O-LITE Dissolved Acetylene | Linde |
| PREST-O-LITE Welding and Cutting Apparatus | Linde |
| PRESTONE Anti-Freeze | National |
| PRESTONE Antirust and Water Pump Lubricant | National |
| PRESTONE Brake Fluid | National |
| PRESTONE Cooling System Cleaner | National |
| PRESTONE Sealer-Stop Leak | National |
| PRESTONE Windshield Washer Solvent | National |
| Primary Amyl Acetate (Mixed Isomers) | Carbide |
| Primary Amyl Alcohol (Mixed Isomers) | Carbide |
| PRIME Gas Line Anti-Freeze and Conditioner | National |
| Process Equipment, KARBATE Impervious Graphite | National |
| Projector Carbons for Motion Pictures | National |
| Propanediols, Substituted | Carbide |
| Propane Cylinders | Linde |
| Propane Gas, PYROFAX Brand | Pyrofax |
| 2-Propanol (Isopropanol) | Carbide |
| Propionaldehyde | Carbide |
| Propionic Anhydride | Carbide |
| Propylene Carbonate | Carbide |
| Propylene Diamine | Carbide |
| Propylene Dichloride | Carbide |
| Propylene Glycol | Carbide |
| Propylene Oxide | Carbide |
| Pumps: | |
| *Corrosion-Resistant* | *National* |
| Corrosion-Resistant (Parts for) | Haynes |
| Purified Silicon Metal | Electromet |
| PUROX Welding And Cutting Apparatus | Linde |
| PUROX Liquefied Gas Containers | Linde |
| Pyridine-Type Compounds | Carbide |
| PYROFAX LP Gas Appliances | Pyrofax |
| PYROFAX Bottled and Bulk LP Gas | Pyrofax |
| PYROFAX Propane Gas | Pyrofax |
| Pyrometer Tubes, Carbon | National |
| Pyruvic Aldehyde | Carbide |

# R

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|---|---|
| Radio Batteries, EVEREADY Brand | National |
| Radio Tube Anodes | National |
| Rare Gases | Linde |
| Raschig Rings | National |
| Raw Petroleum Coke | National |
| Reamers, HAYNES STELLITE Alloy | Haynes |
| Rectifier Tube Elements | National |
| Red Cake (Sodium Polyvanadate) | Electromet |
| REFREX Refrigerator Car Heating Fluid | Carbide |
| Refrigerant Gas Cylinders | Linde |
| Refrigerator Car Heating Fluid, REFREX Brand | Carbide |
| Regulators, Gas for Oxygen (Welding and Cutting), Oxygen Therapy, Acetylene, Hydrogen, Carbon Dioxide, Ethylene, Argon, Helium, Propane, Air | Linde |
| Release Agents, Silicone | Silicones |
| Repellent, "6-12" Brand Insect | Carbide |
| Resins, Silicone | Silicones |
| Resistance Plates and Discs | National |
| Resistor Carbon and Graphite | National |
| Resistor Flour or Electrode Packing Material | National |
| Resistors for AIR CELL Batteries, EVEREADY Brand | National |
| Resorcinol Resins and Solutions | Bakelite |
| Rheostat Plates | National |
| RIBBONRAIL Pressure Welding | Linde |
| Riser Rods, Graphite | National |
| Rods: | |
| Hard-Facing | Haynes |
| *Synthetic Sapphire* | Linde |
| Welding | Linde |
| Rods and Tubes, Carbon | National |
| Rose Dust, EVEREADY Brand | National |
| Rose Spray (Aerosol), EVEREADY Brand | National |
| Rubber Compounds, Silicone | Silicones |
| Rubber Cutting Knives | Haynes |
| Rubber Gum Stocks, Silicone | Silicones |
| Rubber Release Agents | Silicones |
| Ruby, Synthetic | Linde |
| *Rutile (Synthetic Titania)* | *Linde* |

# S

| | |
|---|---|
| Saponification Agents | Carbide |
| Sapphires, Synthetic | Linde |
| Scarfing Blowpipes | Linde |
| Scarfing Machines | Linde |
| Scouring Assistants | Carbide |
| Sealer-Stop Leak, PRESTONE Brand | National |
| Searchlight Carbons | National |
| Searchlights, Acetylene | Linde |
| Self-Reducing Tungsten | Electromet |
| Self-Reducing Vanadium | Electromet |
| Shafts, Ground and Polished Alloy | Haynes |
| Shapes and Shells, Cold Drawn Steel | Linde |
| Sheet and Plate, Alloy, (For Resistance to Corrosion, Heat and Abrasion) | Haynes |
| Shell Molding, Release Agents | Silicones |
| Shells, Cold Drawn | Linde |
| Shrink-Fitting Equipment | Linde |
| Sigma Welding Equipment | Linde |
| Signal Cells for Semaphores, etc. | National |
| Silanes | Silicones |
| Silicates, Alkyl | Carbide |
| *Silicomanganese* | *Electromet* |
| Silicomanganese Briquets | Electromet |
| *Silicomanganese, Special Grade* | *Electromet* |
| Silicon Briquets | Electromet |
| Silicon-Chrome, Exothermic | Electromet |
| Silicon Ester (Ethyl Silicate) | Carbide |
| Silicon Metal and Alloys | Electromet |
| Silicon Metal, Purified | Electromet |
| Silicon Monoxide (For Lens and Mirror Coating) | Kemet |
| Silicon Nitride | Electromet |
| *Silicon Nitride* | *Haynes* |
| Silicon Oxyhydride | Silicones |
| Silicon Tetrachloride | Silicones |
| Silicon-Titanium | Electromet |
| Silicone Chemicals | Silicones |
| Silicone Resins and Compounds | Bakelite |
| SIMPLEX Low-Carbon Ferrochrome | Electromet |
| SIMPLEX Nitrogen-Bearing Low-Carbon Ferrochrome | Electromet |
| "6-12" Insect Repellent | Carbide |
| Sleeves, Alloy | Haynes |
| SM Ferrochrome | Electromet |
| SMZ Alloy | Electromet |
| Sodium Acetate (Anhydrous) | Carbide |
| Sodium Acetate (60%) | Carbide |
| Sodium Diacetate (Anhydrous) | Carbide |
| Sodium Diacetate (Technical) | Carbide |
| Sodium Polyvanadate (Red Cake) | Electromet |
| Softening Agents | Carbide |
| Soldering Irons, Air-Acetylene | Linde |
| SOLVATONE Solvent | Carbide |
| Solvent for Oil Refining, CHLOREX Brand | Carbide |
| Solvent Recovery Plants | Carbide |
| Solvents and Intermediates | Carbide |
| Sorbic | Carbide |
| Spectroscopic Electrodes and Powders | National |
| Spinel, Synthetic | Linde |
| Spot-Facers, HAYNES STELLITE Alloy | Haynes |
| Stabilizer D-22 | Carbide |
| Stainless Steel Grindings Conversion | Electromet |
| Standard Ferromanganese | Electromet |
| Standard Ferromanganese, Low-Phosphorous | Electromet |
| Star J-Metal Cutting Tools, HAYNES STELLITE Alloy | Haynes |
| Structural Carbon Blocks and Beams | National |
| Styrene (Monomeric) | Carbide |
| Styrene-Acrylonitrile Resins and Compounds (C-11) | Bakelite |
| Sucrose Octa Acetate, SOA Brand | Carbide |
| Sunshine Carbons, NATIONAL Brand | National |
| Super-Tan Carbons, NATIONAL Brand | National |
| Surface Active Agents | Carbide |
| SYNASOL Solvent | Carbide |
| Synthetic Gems | Linde |
| Synthetic Greases, UCON Brand | Carbide |
| Synthetic Lubricants, UCON Brand | Carbide |

| Product | Company |
|---|---|

## T

| | |
|---|---|
| Tank Linings, Carbon and Graphite | National |
| Tanks: | |
| Alloy and Special Metals | Haynes |
| Corrosion-Resistant Alloys | Haynes |
| KARBATE Impervious Carbon and Graphite | National |
| Tantalum Oxide | Electromet |
| Tantalum-Columbium-Titanium | Electromet |
| Telephone Coils for Telephone Service | National |
| Telephone Disks, Diaphragms, and Back Plates | National |
| TERGITOL Anionics, 7, P-28,4, 08EH | Carbide |
| TERGITOL Nonionics, NPX, TMN, XD, XH, NP-14, NP-27, NP-35, NP-40 | Carbide |
| Tetradecanol | Carbide |
| Tetraethyl Orthosilicate (Ethyl Silicate) | Carbide |
| Tetraethylene Pentamine | Carbide |
| Textile Fiber, Dynel | Carbide |
| Textile Water Repellent | Silicones |
| Therapeutic Carbons | National |
| Thermal Texturing of Architectural Stone | Linde |
| Thermocouple Sheaths, Graphite | National |
| Thermometer Wells, Corrosion-Resistant Alloy | Haynes |
| Thermosetting Resins | Silicones |
| Thermostat Rods | National |
| Thiodiglycol (KROMFAX Solvent) | Carbide |
| Thread Guides, Synthetic Sapphire | Linde |
| Three Pyramids Device Brushes | National |
| Tin-Aluminum-Titanium | Electromet |
| Titanium Carbide | Electromet |
| Titanium Powder | Electromet |
| Titanium Sponge | Electromet |
| Titanium Trichloride | Electromet |
| Tomato Dust, EVEREADY Brand | Electromet |
| Tools: | |
| Form | Haynes |
| Grooving and Cut-Off | Haynes |
| Lathe | Haynes |
| Metal-Cutting | Haynes |
| Milling Machine | Haynes |
| Torches, Oxy-Acetylene and Air-Acetylene | Linde |
| Torches, Inert Gas-Shielded Welding | Linde |
| Tower Packing Carbon or Graphite | National |
| Towers, Fractionating and Absorbing | National |
| Transmitter Disks Used in Telephone Instruments | National |
| TREK Methanol Anti-Freeze | National |
| 1,1,2-Trichloroethane | Carbide |
| Triethanolamine | Carbide |
| Triethyl Amine | Carbide |
| Triethylene Glycol | Carbide |
| Triethylene Glycol di(2-Ethylbutyrate) (FLEXOL Plasticizer 3GH) | Carbide |
| Triethylene Glycol di(2-Ethylhexoate) (FLEXOL Plasticizer 3GO) | Carbide |
| Triethylene Tetramine | Carbide |
| Triglycol Dichloride | Carbide |
| Triisopropanolamine | Carbide |
| 3,5,5-Trimethylcyclohexane-2-One-1 (Isophorone) | Carbide |
| 2,6,8-Trimethyl-4-Nonanol | Carbide |
| 2,6,8-Trimethyl-4-Nonanone (Isobutyl Heptyl Ketone) | Carbide |
| TRITHENE Film | Visking |
| Trucks for Compressed Gas Cylinders | Linde |
| Tube Rod and Wire Hard-Facing | Haynes |
| Tubes: | |
| Heater, and Tube Bundles, KARBATE Impervious Graphite | National |
| Pyrometer Carbon | National |
| Tubing, Corrosion-Resistant Alloy | Haynes |
| Tubing, Flexible Polyethylene | Visking |
| Tungsten-Aluminum-Titanium | Electromet |
| Tungsten Carbide, Cast (For Wear-Resistance) | Haynes |
| Tungsten Carbide Molds, Carbon and Graphite | National |
| Tungsten Carbide Coatings (Flame-Plating) | Linde |
| Tungsten Concentrates | Nuclear |
| Tungsten Metal Powder | Electromet |
| Tungsten Products | Electromet |
| Tungsten, Self-Reducing | Electromet |
| Turbine Blades | Haynes |
| Turbine Packing Rings, Carbon (Used on Steam Turbines) | National |

## U

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|---|---|
| UCON Hydrolube Safety Hydraulic Fluids | Carbide |
| UCON Synthetic Lubricants | Carbide |
| Undecanol | Carbide |
| UNION Calcium Carbide | Linde |
| UNIONARC Electric Welding Equipment | Linde |
| UNIONARC Flux | Linde |
| UNIONMELT Electric Welding Equipment | Linde |
| UNIONMELT Welding Composition | Linde |
| Unit Cells for Flashlight Cases | National |
| Urea Resins | Bakelite |

## V

| | |
|---|---|
| Valve Seats, Cast Alloy HAYNES STELLITE | Haynes |
| Valves: | |
| Corrosion-Resistant (Parts for) | Haynes |
| Cylinder | Linde |
| KARBATE Impervious Graphite | National |
| Vanadium-Aluminum-Titanium | Electromet |
| Vanadium Metal and Alloys | Electromet |
| Vanadium Oxide, Fused and Red Cake | Electromet |
| Varnish, Insulating, Silicone | Silicones |
| Vegetable Dust, EVEREADY Brand | National |
| Vinyl Acetate Monomer | Carbide |
| Vinyl Acetate Resins and Emulsions | Bakelite |
| Vinyl Butyl Ether | Carbide |
| Vinyl Butyral Resins | Bakelite |
| Vinyl Butyrate | Carbide |
| Vinyl 2-Chloroethyl Ether | Carbide |
| Vinyl Chloride and Copolymer Resins and Compounds | Bakelite |
| Vinyl Ether (Vinyl Ethyl Ether) | Carbide |
| Vinyl Ether Resins | Bakelite |
| Vinyl Ethyl Ether | Carbide |
| Vinyl 2-Ethylhexoate | Carbide |
| 2-Vinyl-5-Ethyl Pyridine | Carbide |
| Vinyl Isobutyl Ether | Carbide |
| Vinyl Plastics and Resins | Bakelite |
| Vinyl Propionate | Carbide |
| VISKING Casings | Visking |
| VISQUEEN Film | Visking |

## W

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|---|---|
| Waterproofing Agents | Carbide |
| Water Soluble Resins, POLYOX Brand | Carbide |
| Water Repellents, Silicone | Silicones |
| Wear Strips, (For Boring Bars) | Haynes |
| Weed Killer, EVEREADY Brand | National |
| Welding Apparatus, Electric and Gas | Linde |
| Welding and Cutting Supplies | Linde |
| Welding Carbon Paste | National |
| Welding Carbons (Round and Plates), NATIONAL and ACHESON Brands | National |
| Welding Electrodes, Graphite | National |
| Welding Fluxes | Linde |
| Welding Gases | Linde |
| Welding Machines, Electric | Linde |
| Welding Rods, STELLITE Brand | |
| *For Hard-Facing Wearing Surfaces Subjected to Heat, Abrasion, Erosion, Corrosion, or Combinations of These* | Haynes |
| *For Welding Nickel-Base Alloys* | *Haynes* |
| Welding Rods, Wire, and Electrodes | Haynes |
| Welding Wire and Rods, Aluminum, Stainless Steel, Copper and Copper Alloys, Carbon and Alloy Steels, White Metal | Linde |
| Wetting Agents | Carbide |
| White Sidewall Tire Cleaner, PRESTONE Brand | National |
| Wire, Corrosion- and Heat-Resistant Alloy | Haynes |
| Wire, Grid, Molybdenum Alloy, Electric | Kemet |

## X

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|---|---|
| Xenon Gas | Linde |

## Z

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|---|---|
| Zeolite, Synthesized Crystalline | Linde |
| Zinc Acetate | Carbide |
| Zirconium Alloy (12-15%) | Electromet |
| Zirconium Alloy (25-40%) | Electromet |
| Zirconium Briquets | Electromet |
| Zirconium-Nickel | Electromet |
| ZYROX Resins and Compounds | Bakelite |

*Trade marks of*

# UNION CARBIDE CORPORATION

**and Subsidiaries Include:**

ACHESON
ACHESON Seal
AIR CELL
ANHYDROL

B Trefoil Device
BAKELITE
BIG JIM
Blue Drum Markings
BLUE-FLO
BRAZO

CARBIC
CARBITOL
CARBITRON
CARBOCELL
CARBOSEAL
CARBOWAX
CARBOXIDE
CASCADE
CELLOSIZE
CELLOSOLVE
CHLORASOL
CHLOREX
CHROMTEMP
COL
COLUMBIA
COPHITE
CRAG
CROMALOY

DRIBURN
DRIOX
DRYENE

ELECTROMET
EM
EVEREADY

FENOX
FERRO
FLEXOL
FORMASIL

GRAPHICELL
GRAY LABEL
GREEN TAG

HALOWAX
HASCROME
HASTELLOY
HAYNES
HAYNES STELLITE
HAYSTELLITE
HELIARC
HERCULES
HITEX
HOT SHOT

IGNITOR
INJECTOLOY
INTENSARC
ISOTONE

KARBATE
KEMET
KEMPRUF
KETOSOL
KIC
KRENE
KROMFAX

LINDE
LIN-DE-SURFACER
LINDOX
LITTLE JIM

MANSILOY
MANSOL
MANTEMP
MASTERLITE
McKAY
METALMASTER
MINI-MAX
MORLEX
MP
MULTIMET
MYLONE

N
N and Shield Device
NATIONAL
NATIONAL Seal
NIACET
NIAPROOF
NIATEX
NIAX
NINE LIVES and the Cat Symbol
NOJAX

OROTIP
OXWELD
OXYFUME

PEARLEX
PLYTEK
POLYOX
PRECISION
PREST-O-LITE
PRESTONE
PREST-O-WELD
PRIME
PROPASOL
PUROX
PYROFAX

REFREX
RIBBONRAIL (Service Mark)

SESONE
SEVIN
SILVALOY
Silver Colored Cable
Strand Device
SIMPLEX
6-12
SLIM JIM
SM
SMZ
SOA
SODACET
SOLVATONE
SPALLBAR
STABILENE
STA-WAY
STELLITE
SUPREX
SYNASOL

Three Pyramids Device
TERGITOL
TREK
TRITHENE

UCC
UCON
ULTREX
UNION
UNIONARC
UNION CARBIDE
UNIONMELT
UNOX

V Trefoil Device
VINYLITE
VINYON
VISKING
VISQUEEN
VISTEN

WINTER-FLO

ZEE
ZEPHYR
ZYROX

X410115

UNION CARBIDE

# CONDENSED SUMMARY OF PRODUCTS

## ALLOYS AND METALS

Ferro-Alloys, Alloying Metals, and Metal Compounds • Titanium Metal Sponge • Special Alloys to Resist Heat, Corrosion, and Wear • Barium Getters and Grid Wire

## CARBON PRODUCTS

Electric Furnace Electrodes • Electrolytic Cell Anodes • Furnace Linings • Electric Motor Brushes • Specialties for Electrical, Mechanical, and Metallurgical Applications • Structural Shapes • Chemical Processing Equipment • Projector, Photographic, and Searchlight Arc Carbons

## CHEMICAL PRODUCTS

Synthetic Organic Chemicals: Including Solvents, Intermediates, Monomers, Plasticizers, Lubricants, Humectants, Surface-Active Agents, and Fumigants • Silicone Chemicals, Oils, Resins, and Elastomers • Metal Chemicals • Molecular Sieves • Synthetic Crystals

## INDUSTRIAL GASES AND EQUIPMENT

Oxygen, Nitrogen, Hydrogen, Argon, and Other Atmospheric Gases • Calcium Carbide and Acetylene • Welding, Cutting, Forming, and Heat-Treating Apparatus • Flame-Plating Service, Steel-Conditioning Machines, and Rock-Piercing Equipment

## PLASTICS

Epoxy, Fluorothene, Phenolic, Polyester, Polyethylene, Polystyrene, Silicone, and Vinyl Resins and Compounds • Vinyl Film and Flexible and Rigid Sheeting • Vinyl-Coated Paper and Safety Glass Interlayer • Chlorinated Waxes, Resins, and Compounds • Food Casings and Polyethylene Film

## NUCLEAR PRODUCTS

*Radioisotopes* and Stable Isotopes • Uranium Ores and Concentrates • Molybdenum, Tungsten, and Vanadium Ores and Concentrates

## CONSUMER PRODUCTS

EVEREADY Flashlight, Radio, and Hearing-Aid Batteries and Flashlight Cases • EVEREADY Home and Garden Products • PRESTONE Anti-Freeze and Other Automotive Service Products • TREK Anti-Freeze • PYROFAX Gas and Gas Appliances • LINDE Medical Oxygen • LINDE Man-made Star Sapphires and Rubies • CRAG Agricultural Chemicals • "6-12" Insect Repellent • Dynel Textile Fibers • BAKELITE and KRENE Plastics

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