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1990 DIRECTORY OF CHEMICAL PRODUCERS UNITED STATES

PRODUCTS

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(Continued)

Hoechst Celanese Corp. Chemicals Specialty Chemicals	Bucks, Alabama Leeds, South Carolina Milwaukee, Wisconsin Penuelas, Puerto Rico	Engelhard Corporation Catalysts and Chemicals Division Ethyl Corporation Chemicals Group Great Lakes Chemical Corporation Rhône-Poulenc Inc. Specialty Chemicals Group	Solon, Ohio Magnolia, Arkansas El Dorado, Arkansas Manistee, Michigan	Soc (Carb Herc Aq Louis MAK
Hydrite Chemical Co. Industrial Chemicals Corporation New Hampshire Oak General Chemical Corporation	Claymont, Delaware El Segundo, California Tacoma, Washington	Sodium butabarbital (See: Butabarbital sodium under Medicinal (Pharmaceutical) Chemicals)		Note
Olympic Chemical Corporation Pennzoil Company Pennzoil Products Company Industrial Specialties & Lubricants Division Penreco, division	Dickinson, Texas	Sodium tert-butoxide Mine Safety Appliances Company Callery Chemical Company, division	Callery, Pennsylvania	Source
PVS Chemicals, Inc. PVS Chemicals, Inc. (Illinois), subsidiary	Chicago, Illinois	Sodium butyrate T. E. Neesby, Inc. Redell Industries, Inc.	Fresno, California Sun Valley, California	Sod Herc Aq Louis
Sodium borodeuteride Johnson Matthey, Inc. Alfa Catalog Chemicals	Danvers, Massachusetts	Sodium cacodylate (Sodium dimethylarsenate) Polysciences, Inc.	Warrington, Pennsylvania	
Sodium borofluoride (See: Sodium fluoborate)		Sodium caprylate (Sodium octanoate) Napp Chemicals, Inc. T. E. Neesby, Inc. Redell Industries, Inc.	Lodi, New Jersey Fresno, California Sun Valley, California	Sod Amer Pac
Sodium boroglucoheptonate (See: Chelating Agents)		Sodium carbolate (See: Sodium phenolate)		Atoct
Sodium borohydride (Sodium tetraborohydride) Covan Limited Johnson Matthey, Inc. Alfa Catalog Chemicals Mine Safety Appliances Company Callery Chemical Company, division Morton International, Inc. Specialty Chemicals Group Advanced Materials Ventron Products Industrial Chemicals and Additives	Conshohocken, Pennsylvania Danvers, Massachusetts Callery, Pennsylvania Danvers, Massachusetts Elma, Washington Danvers, Massachusetts	Sodium carbonate (Soda ash) Merichem Company The Procter & Gamble Company Richardson-Vicks, Inc., subsidiary J. T. Baker Inc., subsidiary	Houston, Texas Phillipsburg, New Jersey	Georg Georg Che F HO P Huror Kema Kerr- Ker
Sodium bromide Cambrex Corporation Heico Chemicals, subsidiary	Delaware Water Gap, Pennsylvania	Sodium carbonate, monohydrate (Crystal carbonate) (Soda crystals) (Soda monohydrate) Church & Dwight Co., Inc. Chemicals Division Rhône-Poulenc Inc. Rhône-Poulenc Basic Chemicals Co.	Syracuse, New York South Gate, California	Occid Occ
Eastman Kodak Company Eastman Fine Chemicals	Kingsport, Tennessee			E

Sodium carbonate, natural (Soda ash)

	Annual Capacity (Thousands of Tons)	Process	
FMC Corporation Chemical Products Group Alkali Chemical Division	2850	Trona	Source
Kerr-McGee Corporation Kerr-McGee Chemical Corporation, subsidiary Argus-Trona-Westend Complex	1300	Brine	Sodi Intern Olin C Olin
New Hampshire Oak General Chemical Corporation	2220	Trona	Sodi (Mon Dow C
Rhône-Poulenc Company of Wyoming Tenneco Inc. Tennessee Gas Pipeline Company Tenneco Minerals	1960	Trona	
Texasgulf Inc. Tg Soda Ash, Inc.	1150	Trona	Sodi Engelt Cata Johns Mate
	1300	Trona	Sodi nitrol
TOTAL	10,780		Sodi Americ

Note: Trona is a natural sodium sesquicarbonate.

Source: SRI International estimates as of January 1, 1990.