

PRODUCT INFORMATION  
INDUSTRIAL CHEMICALS DIVISION

| <u>Product</u>                  | <u>Plant Location</u> | <u>Type Shipment</u>                          | <u>Major Applications</u>                                                                                                                                                                                                                                                                |
|---------------------------------|-----------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Aluminum Alkyls</u>          | Houston, Texas        | Cylinders,<br>portable tanks,<br>T. T., T. C. | Catalysts components for polymerization of<br>olefins in the manufacture of synthetic rubber<br>and plastics. Chemical intermediate in the<br>manufacture of linear primary alcohols and<br>alpha olefins. Alkylating and reducing agents.<br>Scavengers for oxygen and active hydrogen. |
| TMA                             |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Trimethylaluminum               |                       |                                               |                                                                                                                                                                                                                                                                                          |
| TEA                             |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Triethylaluminum                |                       |                                               |                                                                                                                                                                                                                                                                                          |
| TNPA                            |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Tri- n-propylaluminum           |                       |                                               |                                                                                                                                                                                                                                                                                          |
| DIBAH                           |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Diisobutylaluminum              |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Hydride                         |                       |                                               |                                                                                                                                                                                                                                                                                          |
| TIBA                            |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Triisobutylaluminum             |                       |                                               |                                                                                                                                                                                                                                                                                          |
| DEAC                            |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Diethylaluminum                 |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Chloride                        |                       |                                               |                                                                                                                                                                                                                                                                                          |
| MASC                            |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Methylaluminum                  |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Sesquichloride                  |                       |                                               |                                                                                                                                                                                                                                                                                          |
| EASC                            |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Ethylaluminum                   |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Sesquichloride                  |                       |                                               |                                                                                                                                                                                                                                                                                          |
| EADC                            |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Ethylaluminum                   |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Dichloride                      |                       |                                               |                                                                                                                                                                                                                                                                                          |
| EIBAC                           |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Diisobutylaluminum              |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Chloride                        |                       |                                               |                                                                                                                                                                                                                                                                                          |
| Other developmental<br>products |                       |                                               |                                                                                                                                                                                                                                                                                          |

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|---------------------------------|------------------------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Alum</u>                     | Houston, Texas                     | T. T. , T. C.                  | Paper sizing, water treatment, catalyst manufacture and waterproofing agent.                                                                                                                   |
| <u>Caustic Soda-50%</u>         | Baton Rouge, La.                   | T. T. , T. C.<br>Barge         | Manufacture of synthetic fibers, pulp, paper, soap, detergents, aluminum, cellophane, and numerous chemicals. Refining of petroleum and vegetable oils. Rubber reclamation and metal cleaning. |
| <u>Chlorinated Hydrocarbons</u> |                                    |                                |                                                                                                                                                                                                |
| Ethyl Chloride                  | Baton Rouge, La.                   | T. T. , T. C.                  | Manufacture of TEL, ethyl cellulose, insecticides, and other chemicals.                                                                                                                        |
| Ethylene Dichloride             | Baton Rouge, La.<br>Houston, Texas | T. T. , T. C.                  | Manufacture of vinyl chloride. Other uses: antiknock scavenger, solvent, extraction of oils, and in fumigants.                                                                                 |
| Methyl Chloride                 | Baton Rouge, La.                   | T. T. , T. C.                  | Manufacture of TML, silicone products, herbicides, and quaternary ammonium compounds.                                                                                                          |
| Vinyl Chloride                  | Baton Rouge, La.<br>Houston, Texas | T. T. , T. C.                  | Manufacture of PVC and copolymers and used in aerosols.                                                                                                                                        |
| <u>Chlorinated Solvents</u>     | Baton Rouge, La.                   | Drums, T. T.<br>T. C. , Barges |                                                                                                                                                                                                |
| 1, 1, 1- Trichloroethane        |                                    |                                | Cold metal degreasing- rinsing and flushing of metal parts.                                                                                                                                    |
| Perchlorethylene                |                                    |                                | Dry cleaning and textile cleaning.                                                                                                                                                             |
| Trichlorethylene                |                                    |                                | Vapor degreasing of metals-assembly line type operation.                                                                                                                                       |

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|----------------------------------------------------------------------------------|------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Hydropolymer Oil</u>                                                          | Baton Rouge, La.<br>Houston, Texas | T. C.                | Drying oil extender and rubber solvent for reclaimers.                                                                                                                   |
| <u>Linear Primary Alcohols</u>                                                   | Houston, Texas                     | T. C.                | Chemical intermediates for detergent and plasticizer manufacture.                                                                                                        |
| <u>Orthoalkylated Antioxidants</u>                                               | Orangeburg, S. C.                  | Drums                |                                                                                                                                                                          |
| AO 702<br>4, 4'-Methylenebis<br>(2, 6-di-tert-butylphenol)                       |                                    |                      | Oxidation inhibitor in natural and synthetic rubbers, polyolefin plastics, resins, adhesives, petroleum oils, and waxes.                                                 |
| AO 728<br>Soluble form of 702                                                    |                                    |                      | Oxidation inhibitor in natural and synthetic rubbers, polyolefin plastics, resins, adhesives, petroleum oils, and waxes.                                                 |
| AO 703<br>2, 6-Di-tert-butyl-a-dimethylamino-p-cresol                            |                                    |                      | Oxidation inhibitor in natural and synthetic rubbers, plastics, resins, polyolefin plastics, petroleum and synthetic oils. Polymerization inhibitor for olefin monomers. |
| AO 736<br>4, 4'-Thiobis(6-tert-butyl-o-cresol)                                   |                                    |                      | Oxidation inhibitor in natural and synthetic rubbers, polyolefin plastics, resins, adhesives, petroleum oils, and waxes.                                                 |
| AO 330<br>1, 3, 5-Trimethyl-2, 4, 6-tris(3, 5-tert-butyl-4-hydroxybenzyl)benzene |                                    |                      | Oxidation inhibitor for plastics, resins, rubber, and waxes.                                                                                                             |
| AO 754<br>4-Hydroxymethyl-2, 6-di-tert-butylphenol                               |                                    |                      | Oxidation inhibitor for plastics, rubber, and waxes. FDA approval for stabilizing fats and oils in food applications.                                                    |

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|----------------------------------------------|------------------------------------|--------------------------------|---------------------------------------------------------------------------------------|
| <u>Orthoalkylated Chemicals</u>              | Orangeburg, S. C.                  |                                |                                                                                       |
| OTBP<br>Ortho-tert- butylphenol              |                                    | Drums, T. C.                   | Chemical intermediate for synthetic resins, insecticides, and fragrances.             |
| DTBP<br>2, 6- Di-tert- butylphenol           |                                    | Drums                          | Chemical intermediate for antioxidants, synthetic resins, herbicides, and pesticides. |
| OSBP<br>Ortho- sec- butylphenol              |                                    | Drums, T. C.                   | Chemical intermediate for herbicides, miticides, and synthetic resins.                |
| DEA<br>2, 6- Diethylaniline                  |                                    | Drums, T. C.                   | Chemical intermediate for pesticides, dye-stuffs, and antioxidants.                   |
| OIP<br>Ortho-isopropylphenol                 |                                    | Drums, T. C.                   | Chemical intermediate for synthetic resins, insecticides, and fragrances.             |
| OEA<br>Ortho- ethylaniline                   |                                    | Drums, T. C.                   | Chemical intermediate for pesticides, dye-stuffs, and antioxidants.                   |
| DTBQ<br>2, 6- Di-tert- butyl-p- benzoquinone |                                    | Drums                          | Chemical intermediate for antioxidants, pharmaceuticals, and pesticides.              |
| <u>Sodium Metallic</u>                       | Baton Rouge, La.<br>Houston, Texas | Bricks, drums,<br>T. T., T. C. | Manufacture of lead alkyls and titanium tetra-<br>chloride.                           |
| <u>Sodium-Lead Alloy</u>                     | Baton Rouge, La.<br>Houston, Texas | Buckets on<br>pallets          | Manufacture of lead alkyls, reducing and drying<br>agent, and chemical intermediate.  |

PRODUCT INFORMATION  
PLASTICS DIVISION

| <u>Product</u>                                       | <u>Plant Location</u>                                                                            | <u>Division</u>         | <u>Major Applications</u>                                                                                                                                                                                                                        |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Low Density PE Film</u>                           | Carbondale, Pa. (x)<br>Flemington, N.J.<br>Fremont, Calif.<br>LaGrange, Ga.<br>Terre Haute, Ind. | VisQueen                | Liners for containers, laminations, palletizing, product packaging, bundling of goods, drop cloths, etc.<br>(x) Taffeta embossed film only for disposable diapers.                                                                               |
| <u>Medium Density PE Film</u>                        | Flemington, N.J.<br>Fremont, Calif.<br>LaGrange, Ga.<br>Terre Haute, Ind.                        | VisQueen                | Overwrap used on automatic equipment for bread, baked goods, paper consumer products, and laminations.                                                                                                                                           |
| <u>Building &amp; Agricultural PE Film (B&amp;A)</u> | Fremont, Calif.<br>LaGrange, Ga.<br>Terre Haute, Ind.                                            | VisQueen                | <u>Building</u> - Moisture barrier, enclosures, highway curing blanket.<br><u>Agricultural</u> - Membrane for reservoirs, ponds, canals, crop protection, mulching, fumigation, covers, and enclosures.<br><u>General</u> - Swimming pool cover. |
| <u>PE Bags</u>                                       | Richmond, Va.                                                                                    | Converted Film Products | Liners for containers in consumer field, such as garbage cans and waste paper cans.                                                                                                                                                              |
| <u>PVC Film</u>                                      | Richmond, Va.                                                                                    | PVC Film & Sheeting     | Overwrap for grocery produce and red meat.<br>Shrink film packaging of various products.                                                                                                                                                         |
| <u>PVC Pipe</u>                                      | Terre Haute, Ind.                                                                                | Pipe Products           | Manufacturing plants, irrigation systems, water handling operations, oil wells, gas companies, air conditioning systems, and swimming pools.                                                                                                     |

PRODUCT INFORMATION  
PLASTICS DIVISION

| <u>Product</u>             | <u>Plant Location</u>                                                                                                                                                                 | <u>Division</u> | <u>Major Applications</u>                                                                                                                                                                                                        |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>PVC Resin</u>           | Baton Rouge, La.                                                                                                                                                                      | Polymer         | Used by converters for calendered film and sheeting, vinyl coated fabrics, wire and cable insulation, extruded profile shapes, flooring, records, rigid PVC pipe and sheet, extruded vinyl packaging film and rigid PVC bottles. |
| <u>PVC Compound</u>        | Baton Rouge, La.<br>Tiptonville, Ohio                                                                                                                                                 | Polymer         | Used by converters for wire and cable insulation, rigid PVC pipe, extruded profile shapes, rigid PVC bottles, vinyl shoe soles, injection molded pipe fittings, valve parts, electrical appliance parts, and instrument parts.   |
| <u>PE Bottles</u>          | Belvidere, N. J.<br>Cooksville, Ont.<br>Goleta, Calif.<br>Harrisonburg, Va.<br>Jeffersonville, Ind.<br>Kansas City, Mo.<br>Los Angeles, Calif.<br>Plainfield, N. J.<br>Vandalia, Ill. | Imco Container  | Bottles for household, industrial, toiletries, cosmetics, medicines, food, and beverage.                                                                                                                                         |
| <u>PVC Bottles</u>         | Itasca, Ill.<br>Louisville, Ky.<br>Rockaway, N. J.<br>Union City, Calif.<br>Vandalia, Ill.                                                                                            | Imco Container  | Bottles for household, toiletries, cosmetics, medicines, food, and beverage.                                                                                                                                                     |
| <u>Bottle Cap Closures</u> | Excelsior Springs, Mo.<br>South Grafton, Mass.                                                                                                                                        | Imco Container  | Caps for PE and PVC bottles.                                                                                                                                                                                                     |

PRODUCT INFORMATION  
OXFORD PAPER COMPANY

| <u>Product</u>                    | <u>Mill<br/>Location</u>                                   | <u>Major Applications</u>                                                                                                                                                   |
|-----------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Book Publishing Papers</u>     | Lawrence, Mass.<br>Rumford, Maine<br>West Carrollton, Ohio | Used for textbooks, encyclopedias, and other books. Examples: McGraw-Hill Books, Reader's Digest Condensed Books, Encyclopedia Britannica.                                  |
| <u>Commercial Printing Papers</u> | Lawrence, Mass.<br>Rumford, Maine                          | Used for annual reports, high grade advertising literature, catalogs, and menus.                                                                                            |
| <u>Magazine Papers</u>            | Rumford, Maine                                             | Used by major magazine publishing companies. Examples: National Geographic, Good House-keeping, House Beautiful, and Seventeen Magazine.                                    |
| <u>Converting Papers</u>          | Rumford, Maine<br>West Carrollton, Ohio                    | Used by converters to produce business forms, envelopes, tablets, postcards, gummed paper for labels, paper for Xerox machines, and paper masters for duplicating machines. |

Note: These coated and uncoated papers are available in a wide assortment of grades.

PRODUCT INFORMATION  
WILLIAM L BONNELL COMPANY, INC.

| <u>Product</u>               | <u>Plant<br/>Location</u>      | <u>Major Applications</u>                                                                                                                                                                  |
|------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Commercial Extrusions</u> | Carthage, Tenn.<br>Newnan, Ga. | Custom extrusions for manufacturers of windows, doors, signs, shower doors, trailer sections, curtain walls, patio enclosures, railings, flag-poles, greenhouses, and many other products. |
| <u>"Trimedge"</u>            | Carthage, Tenn.<br>Newnan, Ga. | Decorative shapes, catalogued and warehoused, by distributors to serve: floor covering, building supply, carpet workroom, boat and trailer industries.                                     |
| <u>"Bon-Dee"</u>             | Newnan, Ga.                    | Complete line of standard and special sink frames plus accessories.                                                                                                                        |
| <u>The "Bon Voyage" Line</u> | Newnan, Ga.                    | Extruded aluminum shapes and fabrication for the marine industry with special "Alumarine" finish.                                                                                          |

Note: A wide assortment of finishes and coatings are available on these extrusions.