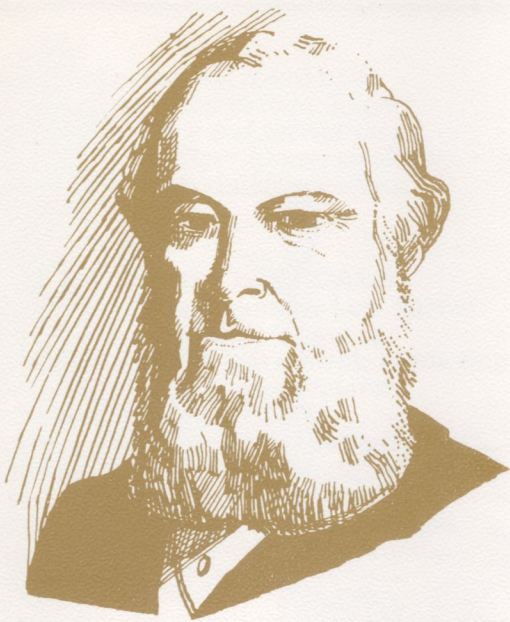




BUTLER CHEMICALS
1843-1973



WILLIAM BUTLER, the founder of Butler Chemicals Ltd., first arrived in Bristol in 1843 when Britain was reaching the crest of the Industrial Revolution and expansion was on a scale never before experienced.

He took the position of manager at a new tar distillery at Crews Hole, a small village on the River Avon not far from Hanham. And his arrival could not have been better timed.

In those early years of the company, the main purpose of distilling coal tar was to obtain creosote-oil for timber preservation. Butler wasted no time in accepting a contract to treat the sleepers to be used in the Bristol to London section of Brunel's Great Western Railway.

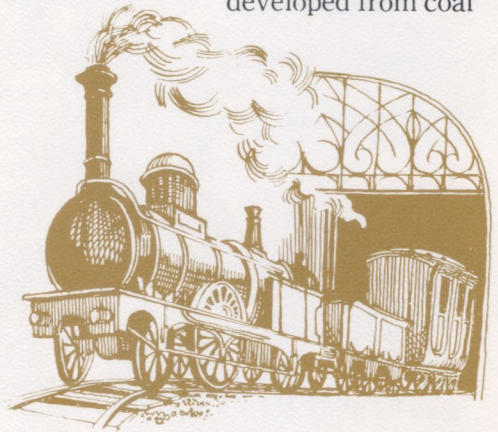


And this was to be only the beginning. Invention and innovation were the orders of the day. Brunel was building ships and railways. Telford, Stevenson, Metcalf and Macadam were finding new

ways to construct roads and bridges. New industries were springing up everywhere.

Week by week, road and rail communications were improving, reaching out to every corner of the country. Tar had never been in such great demand. Fortunately, supplies were increasing too. The gas lighting industry was undergoing major expansion and the coal tar residue was in abundance.

In fact, so much tar was available, that it soon became necessary to find new and more diversified ways of using it. Research was essential and it was not long before Butler and his associates had developed from coal



tar, a range of chemicals which were to become the basic raw materials for the organic chemistry industry.

As more and more applications were found for these new by-products, the Victorians came to refer to the period as 'The Chemical Age'.

From the time of his arrival in Bristol, Butler always tried to devote as much time and thought to the affairs of the City as he did to his business. He became an important member of the County Council and for many years he sat on the bench as a County Magistrate.

A popular man both as an employer and as a city father, his death in 1900 was a sad blow to the people of Bristol and on the day of his funeral,





all the trams in Bristol remained stationary for one minute as a mark of respect.

His death was the end of a classic Victorian success story. The end of an era that had seen a company rise from modest beginnings to a position of great prosperity.

Yet it was only the start of much greater things to come.

BUTLER CHEMICALS TODAY

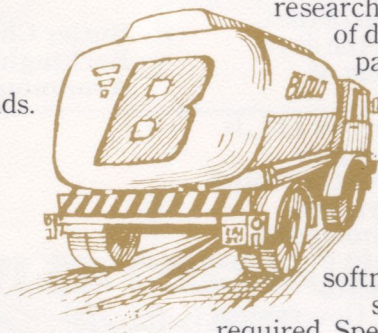
In the years since the death of William Butler, the company has continued to grow. The title, Butler Chemicals Ltd., is however comparatively new. It was adopted in 1964 to coincide with the centralisation of the Company's activities at the Rockingham Works, Avonmouth, after the decision to dispose of the refinery at Crews Hole.

In 1968, Butler Chemicals became a division of Tenneco Chemicals Incorporated of New York and is now active in four major fields.

BUTLER OIL PRODUCTS

Butler Oil Products Ltd., is a leading supplier of domestic, industrial and agricultural heating oils and operates from seven depots in the South West and West Midlands.

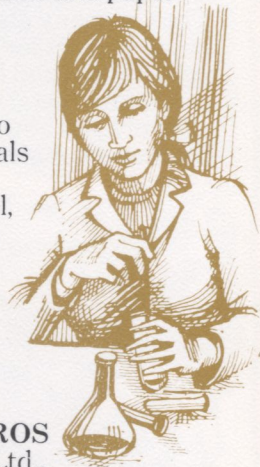
The reputation of the company has been built on fast, efficient service and reliable, competitively priced products. A fully trained team of salesmen and servicing engineers is available for consultation on all matters relating to the installation of oil fired central heating systems. The Company also supplies petrol to many filling stations throughout the West Country.



BUTLER CHEMICALS

An important part of the Company's international business is the manufacture of chemicals for use in the preparation of floor polishes, synthetic rubbers, sealants and adhesives. Other chemicals are used in solvent extraction processes; as defoaming agents in paint and paper making, and in the formulation of certain weed-killers and pesticides.

The Company also manufactures chemicals for use in fire prevention and control, and specialises in a fire retardant for use with paper, textiles and plastics.



BUTLER MALROS

Butler Malros Ltd., is a major supplier of rosin sizes and other specialised chemicals used in the paper and board industry. The main purpose of sizing is to impart water and ink resistance to otherwise absorbent paper. The process has been in use since the early 19th century and has retained its popularity due to the comparatively low cost and ease of application.

Butler Malros were pioneers in the research to find improved methods of dispersing size throughout paper fibres, and today, the trade names of MALROS and BEWOLD are well known all over Europe. Additions to the range include other types of size for the surface treatment of papers where softness, pliability, smoothness and gloss are required. Special biocides are also manufactured to control the bacteria encountered in the paper making process.

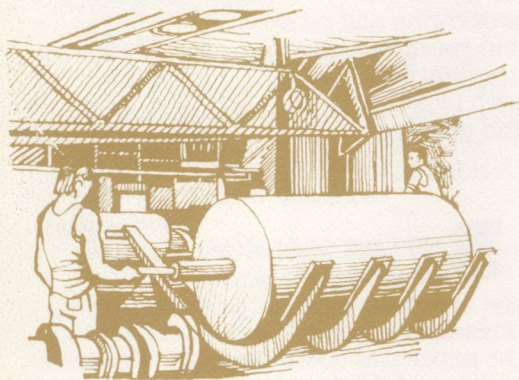
With depots in Blackburn and Aberdeen as well as Avonmouth, the Company is well placed to serve the

needs of paper and board mills throughout Great Britain. Expert technical advice and service on all aspects of mill operations can also be provided by a team of specialists.

COMPASS CHEMICALS

Compass Chemicals Ltd., part of the Butler Chemicals Group, is responsible for the worldwide marketing of a large range of disinfectants, antiseptics and detergents.

The Company also manufactures preservatives for wood, rope and twine, agricultural and horticultural pesticides, metal protective coatings, solvents and also the Butler brand decorators' materials.



In the field of wood preservation, there is a direct link with the earliest days of the Company when William Butler supplied creosote oils for Brunel's various engineering ventures in the West Country.

Butler Chemicals have also been involved in the development of the disinfectant industry since the days of Lord Lister and the advent of antiseptic surgery.

Today, Compass Chemicals Ltd., is leading research into new, highly sophisticated compounds for the control of micro-organisms in all types of industrial and clinical environments. It is also a major supplier of disinfectants and antiseptics to hospitals, local authorities, Government departments, industry and the home, both in this country and overseas.



The Company has its own technical and research staff to give expert advice on all aspects in this field.

TENNECO CHEMICALS

Tenneco Chemicals Inc. of New York is a member of one of the largest companies in the United States - Tenneco Inc., which has sales of £1,200 million and assets of £2,000 million. It also has substantial investments in the exploration and refinement of oil, the manufacture of paper and packaging, the transportation of natural gas, the building of nuclear submarines and aircraft carriers and even in farming.

Tenneco Chemicals manufacture organic chemicals in some 40 factories throughout the United States and the Company is rapidly expanding all over the world.

**Butler Chemicals Ltd.
Rockingham Works,
Avonmouth.**

