

Who is BISLEY & Company Pty Ltd



A proudly Australian owned, multinational, private company incorporated in 1955

- Commercial focus: marketing and distribution of technical raw materials: metals, minerals and industrial chemicals
 - ~ 60 staff operating in 6 countries, with full logistics and warehousing capabilities
 - Group turnover \$130 million
 - Business activities span 30 countries

Where we Operate - Geography

OUR NETWORK

Group Head Office
Sydney

Asian Operations
Singapore
Jakarta
Kuala Lumpur
Bangkok

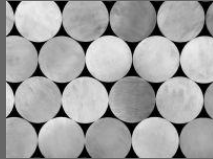
Middle East
Dubai, UAE

USA
Houston, Texas



The Bisley Group operates in a diverse range of industrial sectors:

Aluminium



Steel



Agrichemicals



Industrial Chemicals



Construction



Refractories / Ceramics



Plastics & Rubber



Water Treatment



OUR ASPIRATIONS

- To be the leader in contributing *material value* for our Customers and Principals beyond simple price, by leveraging the quality of our people, our market knowledge, technical expertise and logistical capability to better *understand* and *address* their needs.
- To attract the finest, most capable Principals for our Customers, as marketing and distribution partner of *first choice*.
- To help our Customers *stay in front* by introducing thoroughly researched, innovative and dependable products and practices to our markets.

Our Lithium Partner - A Brief History – the first 21 Years

- 1998 Foundation year, acting as sole agent for Cypress Foote / Chemetall /Rockwood until 2013;
- 1999 Started Lithium Hydroxide conversion from spodumene / hard rock;
- 2006 Commissioned the 1st self-owned plant in China to produce Li Carbonate & Lithium Hydroxide
- 2014 Start up of 2nd plant in China to produce high purity Li Carbonate & LFP using brine lithium;
- 2016 The group posted Net profit for the 2015 period to CNY 137.97 million (USD 25 million) which has been increasing year on year

Our Lithium Partner - A Brief History – the first 21 Years

- 2017 Acquired a significant stake in a Salar / Brine in Tibet, in an all-cash deal worth CNY 258.42 million (USD 37.51 million) w/ option to acquire majority
- This salt lake with the largest content of lithium resources in Tibet, 2.5 million tons of lithium resources contained in the brine. This figure exceeds that of Zabuye Lake which has already been developed, and is among the few salt lakes in the world whose lithium resources > 1 million tons.
- 2017 By owning its own brine resources & holding stock of its own upstream materials; risks in purchasing raw materials are reduced: the gap between other listed lithium companies narrowed; improves capacity to maintain continuous profitability and to enhance comprehensive competitiveness. This purchase conforms to the company's development strategy, contributing greatly to its operational and economic growth in the future
- 2018 Commissioned 3rd plant in China
- 2019 Started to design the 4th plant in China

Capacity & Security of Supply

- Plant No 1 ~ 8000t LC/2000t LiOH in 2018 output 9,500 tons LCE
- Plant No 2 ~ 8000t LC/ 8000t LiOH Commissioned in Q2 2018, full production starts in Q4 2018
- Plant No 3 ~ 2000t 99.99% LC/5000t LFP precursor
- Plant No 4 ~ 60kt LC/LHO in 2 phases Stage 1 construction to start in Q2 2019 and to commission in H2 2020 -flexible design, 30kt LHO + 3kt LC
- Secured Feedstock Supply through contracted off-take agreements with major Australian and Brazilian spodumene miners for 6 years;
- Up to 355,000t concentrate (46,000t LCE) available per year;
- 2.13mt LCE brine resources @ 0.92g/L lithium content to develop.

Leading Expertise in the Industry

- The 1st Company to convert spodumene to LiOH in one step;
- Invented the patent of using freezing precipitation of Na₂SO₄ to extract lithium;
- Achieving the leading recovery rate in the industry;
- The only lithium chemical producer that can yield 100% battery grade in one step, when converting spodumene; a trail blazer for 3rd generation conversion process
- Deep understanding and knowhow in both hard rock conversion and brine lithium extraction.
- Hold several patents on Technology to produce LiOH, Battery Grade LiOH, Recycling Residual Mother solution, production of LC with Spodumene Concentrate, producing Micron sized LPF
- ISO 9001 / GB/T 19001 certification reached in 2015
- ISO14001 reached Q1, 2019

Lithium Hydroxide (LiOH) Monohydrate

- Bisley Xeolith™ Lithium Hydroxide (LiOH) has low levels of impurities and a very narrow particle size distribution with 95% min passing 20 mesh, resulting in a product that is highly reactive and soluble.
- Bisley Xeolith™ Lithium Hydroxide Monohydrate Low Dust / Free Flowing Grade is currently under development and will be offered commercially before Q4 2019
- The material may be used in a variety of applications including, Grease manufacture, in construction as an accelerator in high alumina cement systems, among others.
- LiOH 56.5% min with CO₃ + Na + K + Ca + Cl + SO₄ and insolubles adding up to less than 1%
- Packaging: Standard packs available are 25kg bags on pallets or 500kg super sacks.

- Bisley Xeolith™ Ultrafines is a high concentration lithium carbonate with low impurities and a very narrow particle size distribution. The median D50 is typically 6-10µm, and the D90 is 30µm, resulting in a product that is highly reactive.
- The material may be used in a variety of applications including an accelerator in high alumina cement systems for manufacture of self-levelling flooring compounds, ceramic tile adhesives, rapid setting grouts and repair mortars.
- Xeolith™ Ultrafines may also be suitable for use in ceramic glazes, frits, specialty glasses and also as a precursor to making other lithium compounds such as lithium hydroxide, silicate and nitrate.
- Packaging: Standard packs available are 25kg bags on pallets or 500kg super sacks.

Thank You
For
Reading!