

The image features a dark blue background with a faint grid pattern. In the center, the word "OXKEM" is written in a bold, white, sans-serif font. A white diagonal line crosses through the letter 'X' from the top-left to the bottom-right. The background also contains a stylized, glowing globe of the Earth, showing the continents of North and South America in a lighter blue hue. The globe is positioned behind the text, creating a sense of global connectivity and technology.

OXKEM



Oxkem

Oxkem is a privately owned chemical company based in the UK. The company is a producer of metal salts and is one of the largest trivalent chromium and vanadium sulphate / electrolyte manufacturers' in the world as well as a tolling partner for other companies. Other manufactured products include compounds based on aluminium, indium, ruthenium and zirconium. From our state of the art factory just west of London, we export our products to more than 40 countries – including Brazil, China, South Korea, the US and countries in the European Union.

Manufacturing and packaging

Our plant is equipped with glass lined and titanium reactors as well as stainless steel, plastic and GRP mixing vessels. The vanadium sulphate / electrolyte products are produced on our electrolytic reduction facility. With production batches ranging from 4,000 – 18,000 litres, Oxkem has the capacity to produce in excess of 15,000 tons of finished product on an annual basis. Our products can be supplied in 5kg to 250kg drums, IBC's, road tankers and ISO tanks containing 26,000kgs. The production is managed by our experienced chemists and engineers who are also available to discuss with our customers any technical questions that may arise with the product.

Quality control and regulation

Strict quality control, including Optical ICP analysis, and constant testing for hexavalent chromium ensures that each batch meets all requirements expected by our customers. All our processes are controlled to comply with ISO 9001 and ISO 14001 as well as all health and safety requirements. These are audited by independent consultants and the relevant agencies.

Oxkem fully complies with its obligations under REACH.

Chromium compounds

Chromium compounds have been used in a wide range of industries for many years. Developments in chromium (III) chemistry have allowed industry to continue to take advantage of the important properties of chromium without the toxicity and environmental problems associated with chromium (VI).

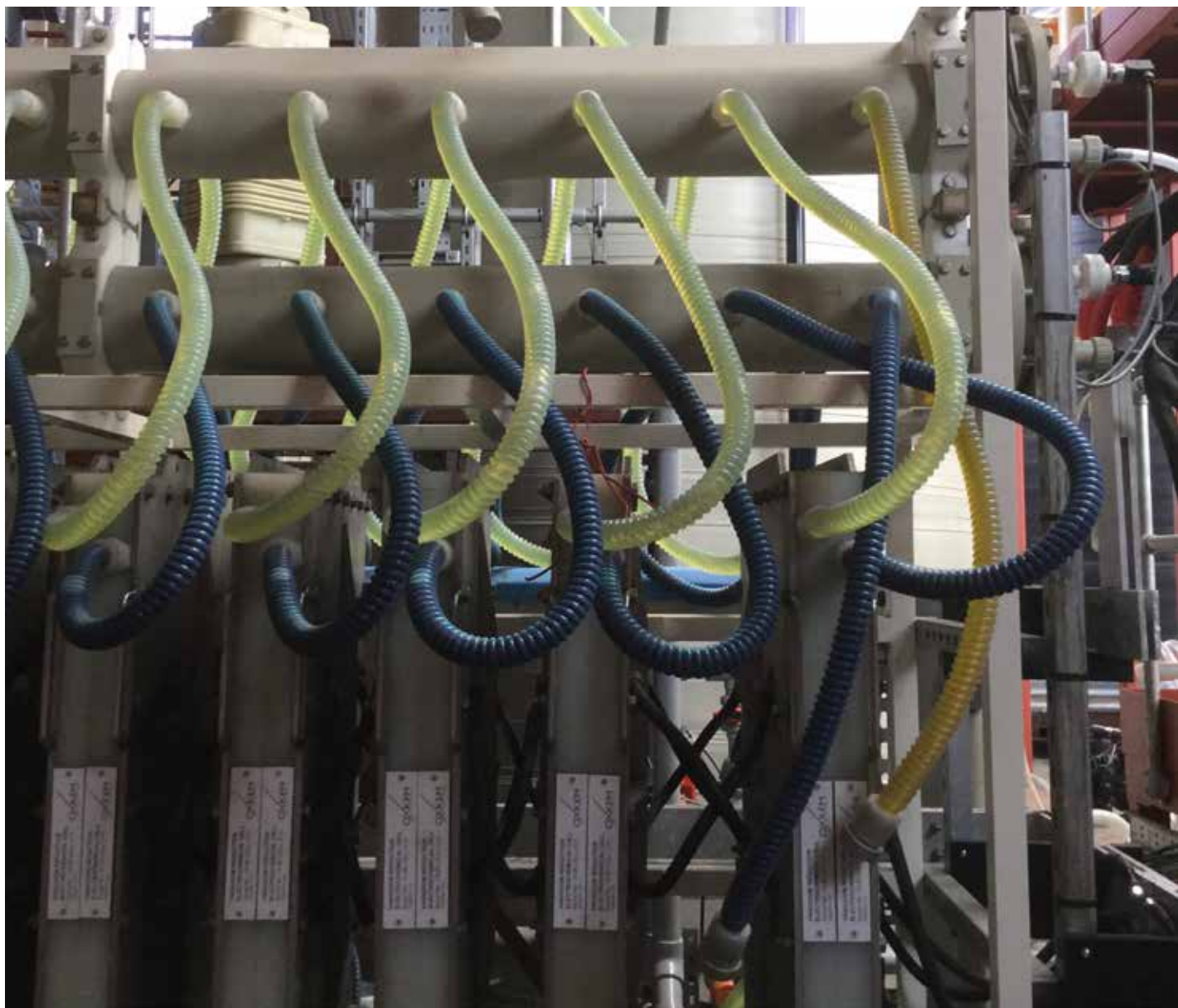
Oxkem manufactures a wide range of chromium (III) salts. These are used in a diverse range of applications including: batteries, catalysts, dyes, EOR and general oil production, leather and paper technologies, grease proofing, and surface treatment. Due to our unique manufacturing process we are able to guarantee a very pure product for our customers and ensure very low impurity levels. In particular we have designed our process to ensure the almost total absence of the impurities that give rise to NOX and general gassing in our customers finished products. We can amend the product specification to meet the detailed needs of our customers.

Product specifications are available at our website:
www.oxkem.com



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www.oxkem.com



Vanadium compounds

Oxkem manufactures a range of vanadium compounds. These are used in the manufacture of catalysts, pigments, in surface treatment and batteries. We are one of the largest manufacturers of vanadium sulphate which is used as the electrolyte in vanadium redox flow batteries. We produce these sulphates by electrolytic reduction from high purity V5+ compounds and consequently our finished product is much purer than material manufactured traditionally using a chemical reducing agent. Our product contains no reducing agent residues and our process removes a significant amount of trace element impurities. Depending upon our customer's needs, we can adapt the specification to suit their requirements.

Our vanadium sulphate electrolytic plant currently has the capacity to manufacture in excess of 2,000 tonnes per year.

Product specifications are available at our website:
www.oxkem.com

Tolling / custom manufacture

Oxkem is able to undertake custom synthesis. Please talk to us about your specific requirements.

Analytical laboratory

Oxkem has a modern and fully equipped laboratory which, in addition to performing a QC function for production and general product development, is available for customers who wish to outsource their general analytical work. The laboratory can undertake analysis using ICP, UV & Visible Spectrophotometry, HPLC, GC, and wet chemistry techniques.

Products

Aluminium compounds

Aluminium triformate
Aluminium hi-purity bond
Aluminium hydroxy chloride

Chromium acetates

Chromium acetate
Chromium hydroxy acetate
Chromium acetate powder

Chromium chlorides

Chromium chloride
Chromium hydroxy chloride
Chromium chloride low organics
Chromium hydroxy chloride powder

Chromium citrates

Chromium citrate solution
Chromium citrate neutral

Chromium nitrates

Chromium nitrate
Chromium hydroxy nitrate
Chromium nitrate crystals

Chromium oxalates

Chromium oxalate

Chromium phosphates

Chromium phosphate
Chromium hydroxy phosphate

Chromium sulphates

Chromium sulphate
Chromium hydroxy sulphate

Other chromium products

Chrome alum
Chromium fluoride
Chromium glycollate
Chromium hydroxy chloro carboxylic acid (Oxdri)
Chromium propionate

Indium compounds

Indium hydroxide
Indium nitrate
Indium sulphate
Indium chloride
Indium oxide

Osmium compounds

Osmium tetroxide

Ruthenium compounds

Ruthenium carbonyl
Ruthenium chloride

Vanadium compounds

Vanadium oxysulphate
Vanadium electrolytic solutions
Vanadium oxalate
Potassium meta-vanadate

Zirconium compounds

Zirconium acetate
Zirconium sodium lactate
Zirconium oxy chloride
Zirconium potassium hexafluoride
Zirconium potassium lactate
Zirconium nitrate
Zirconium sulphate
Zirconium chelates

Other products

Cerium nitrate
Chloral hydrate
Iron nitrate solution
Malonic acid
Manganese acetate
Manganese nitrate
Magnesium grains
Zinc nitrate



Certificate Number 7984
ISO 9001, ISO 14001



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