

AVALON

MINING CHEMICALS

Trader and Buying House for the Global Mining Industry



COMPANY OVERVIEW & EXECUTION MODEL

World-Class Mining Chemistry with Swiss Execution

Headquarters: Geneva, Switzerland
Offices: Peru | South Africa | DRC | UAE | Hong Kong (China)
Sourcing Hub: Mainland China

Core Strengths

Swiss execution standards
Global supply-chain control
Strong mining application expertise

Buying House & Execution Capabilities

Factory sourcing & qualification
Contract structuring & pricing
Quality & regulatory control
Mine-site logistics & emergency supply

Partners & Clients

SNF

BASF
We create chemistry

ERG

盛屯矿业
CHENG TUN MINING



HYDROMETALLURGY, SX & FLOCCULATION



Solvent Extraction (SX) Reagents

- ◆ LIX 984N | LIX 973
- ◆ Cheaper alternatives
- ◆ Cyanex 272
- ◆ ACORGA OPT 5540 | P204 | P507 | TBP
- ◆ SX Diluents: Escaid 100 | Escaid 110

Leaching, Reduction & Process Control

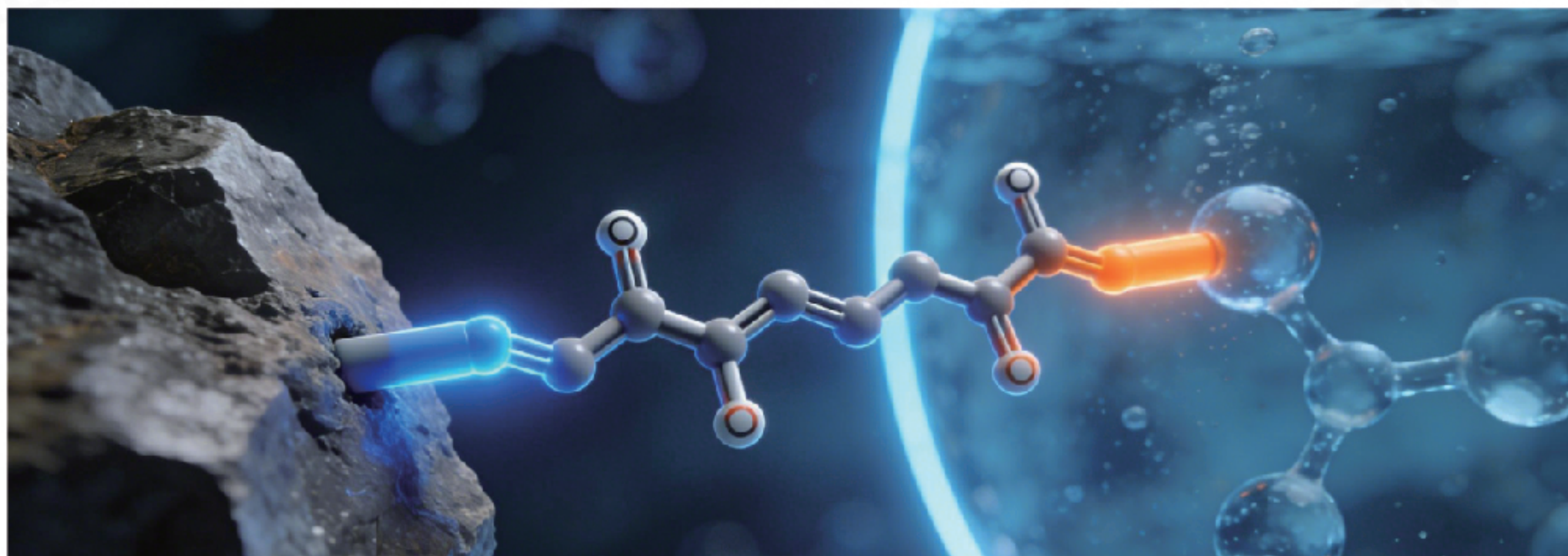
- ◆ Sodium Metabisulfite (SMBS)
- ◆ Magnesium Oxide (MgO)
- ◆ Sodium Sulfite | Sodium Persulfate
- ◆ Calcium Oxide | Sulfur
- ◆ Thiourea | Guar Gum
- ◆ Cobalt Sulfate
- ◆ Sodium Hydrosulfide
- ◆ Copper Sulfate
- ◆ Copper Corrosion Inhibitor
- ◆ Acid Mist Suppressant
- ◆ FLOPAM – Polyacrylamide Flocculants
 - Anionic | Cationic | Non-ionic
 - CCD Circuits | Thickeners | Tailings Clarification
- ◆ Coagulant CA60
- ◆ Activated Clay
- ◆ Dust Suppressants



MINERAL PROCESSING & FLOTATION CHEMICALS



Collectors	Frothers	Regulators & Modifiers
◆ Xanthates: Ethyl Propyl Butyl Amyl ◆ Dithiophosphates ◆ O-Isobutyl Ethylthiocarbamate ◆ Z200 Collector ◆ Benzohydroxamic Acid ◆ Salicylhydroxamic Acid ◆ Oleic Acid ◆ SP-08 & FA-08 (Spodumene) ◆ M21 (Lepidolite)	◆ MIBC ◆ Frother 2# Oil	◆ Sodium Silicate Caustic Soda Sodium Bicarbonate ◆ CMC Lime Sodium Thiosulfate Zinc Sulfate ◆ Sodium Cyanide Potassium Dichromate ◆ Tannin Citric Acid Starch Dextrin ◆ Oxalic Acid Lead Nitrate ◆ Sodium Sulfide Anhydrous Sodium Sulfite ◆ Sodium Hexametaphosphate



ACIDS, BASE CHEMICALS & PYROMETALLURGY



Acids & Bases

- ◆ Sulphuric Acid
- ◆ Phosphoric Acid
- ◆ Hydrochloric Acid
- ◆ Nitric Acid (Industrial)
- ◆ Sulfurous Acid
- ◆ Sodium Carbonate
- ◆ Sodium Bicarbonate
- ◆ Solid Caustic Soda

Pyrometallurgy

- ◆ Borax
- ◆ Sodium Nitrite
- ◆ Sodium Nitrate
- ◆ Potassium Nitrate
- ◆ Precipitated Barium Sulphate
- ◆ RO Membrane Antiscalant



WATER TREATMENT REAGENTS



Collectors

- ◆ Corrosion & Scale Inhibitors
- ◆ Bactericidal Algaecides
- ◆ Fungicides
- ◆ Trisodium Phosphate
- ◆ Sodium Citrate
- ◆ Ferrous Sulfate
- ◆ Sodium Bisulfite
- ◆ Sodium Chlorate
- ◆ Hydrogen Peroxide
- ◆ Sodium Tripolyphosphate (STPP)
- ◆ Sodium Nitrate
- ◆ Polyaluminium Chloride (PAC)



PROCESS EQUIPMENT & MINING CONSUMABLES

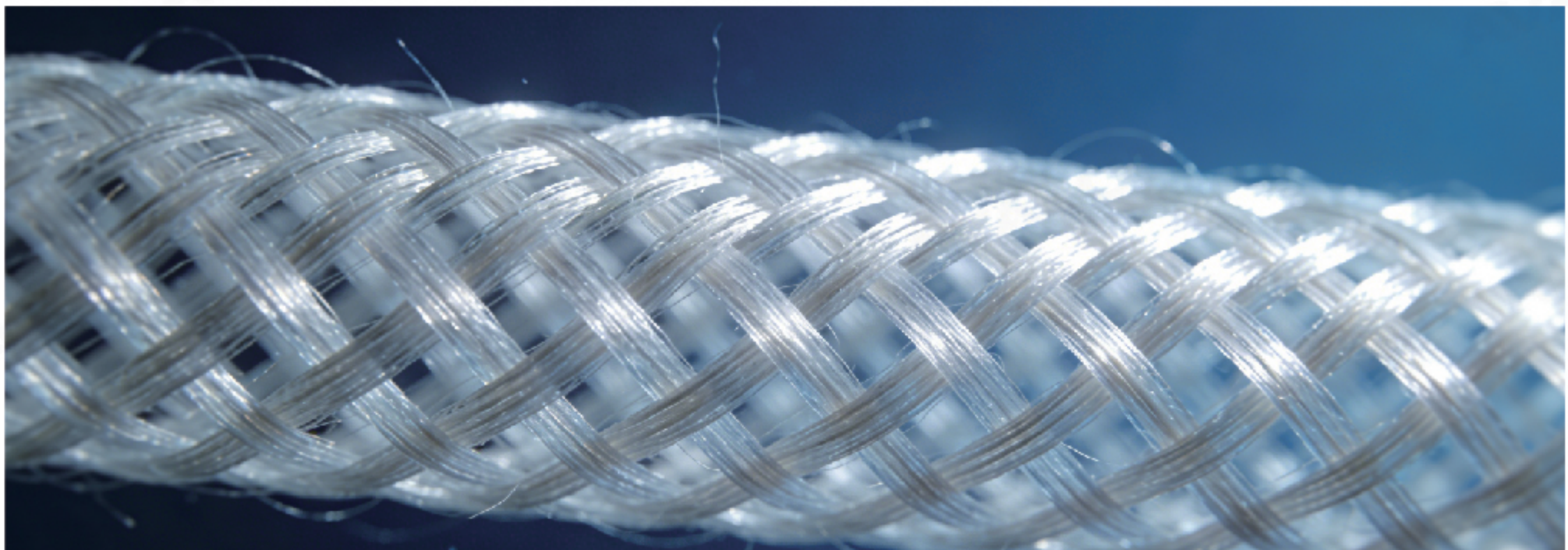


Process Equipment

- ◆ Multi-media Filters
- ◆ Flottweg Tricanter Centrifuge
- ◆ Acid Mist Absorption Systems
- ◆ Alfa Laval Heat Exchanger Plates
- ◆ Warman Slurry Pump Spare Parts
- ◆ Instrumentation & Controls

Mining Consumables

- ◆ Steel Grinding Balls
- ◆ Resin
- ◆ Diesel
- ◆ Industrial Paint
- ◆ Ton Bags (FIBC)
- ◆ Quartz Sand
- ◆ Anthracite
- ◆ Geomembranes
- ◆ Lubricating Oils



QUALITY & TRUST



Quality & Compliance

- ◆ MSDS & COA per shipment
- ◆ REACH & GHS compliance
- ◆ ISO-aligned supply control
- ◆ Ethical sourcing standards

Why Global Miners Trust Avalon

- ◆ Approved supplier to Tier-1 international mining groups
- ◆ Partnerships with key global chemical producers
- ◆ Swiss contract discipline
- ◆ Global logistics execution
- ◆ Emergency supply capability



Notes

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