INDIGENOUS OWNED & OPERATED

SUPPLY NATION CERTIFIED

PALYKU COUNTRY · PILBARA WA

CHEMICAL SOLUTIONS · WATER TREATMENT · INDUSTRIAL SUPPLY

CAPABILITY STATEMENT

2026 EDITION

Quality chemicals, sustainable water treatment, cool coatings and full-spectrum industrial consumables — delivered Australia-wide to mining, government, hospitality and remote communities from Palyku Country.

A **INDIGENOUS WATER TREATMENT TECHNICIAN PROGRAM**

A four-partner training alliance delivering supervised, site-ready Indigenous water technicians — workforce as a service.

B **COOL COATINGS — SOLACOAT™**

Solar-reflective coatings cutting donga cooling loads by up to 60% and carbon emissions by up to 93%.

C **GREEN CHEMISTRY**

Biodegradable, higher-concentration formulations with dosing software for accurate, lower-waste use.

KALYU PTY LTD · ABN 11 637 600 689

JAKE MILROY — OWNER & PALYKU TRADITIONAL OWNER

0417 282 427 · JAKE@KALYU.COM.AU · WWW.KALYU.COM.AU

Supply Nation CERTIFIED

WHO WE ARE

INDIGENOUS-OWNED, END-TO-END CAPABILITY

KALYU Pty Ltd is a Supply Nation Certified, Indigenous owned-and-operated business delivering quality chemicals, water treatment and industrial consumables across Australia. With **ISO 9001-certified manufacturing, NATA-tested raw materials and a nationwide distribution network**, we provide end-to-end solutions for mining, government, hospitality and remote communities.

A CORE CAPABILITIES

01
Industrial chemicals
Commodity & specialty chemicals — flocculants, antiscalants, biocides, Green Chemistry and reverse-osmosis chemicals for industrial, offshore and mining clients.

02
Sustainable water treatment
High-Rate Algal Pond Bioreactor installation, service and operation; modular desalination; cooling-tower, RO and HVAC management.

03
Cool coatings
Solar-reflective coatings reflecting up to 85% of solar IR — lowering internal temperatures and cooling demand. Site-specific, M&V-verified.

04
Fuel additives
Fuel biocides and detergents with injection systems; AdBlue and AUS40 with free-on-loan tanks and remote level monitoring.

05
Hygiene & cleaning
Site-specific cleaning products and disinfectants designed for industrial and remote operations.

06
Oils, lubricants & MRO
High-performance lubricants, oils and degreasers, plus targeted MRO for equipment longevity and corrosion prevention.

B AT A GLANCE

2020	500+	1M L+	4
FMG SUPPLIER SINCE	SPECIALTY CHEMICALS	SUPPLIED ANNUALLY	STATES · WA SA QLD VIC

> "WE SUPPLY ANY CHEMICAL, IN ANY QUANTITY, AUSTRALIA-WIDE."
>
> JAKE MILROY · OWNER & PALYKU TRADITIONAL OWNER

END-TO-END SOLUTIONS

SOURCED FROM THE BROADEST NETWORK

KALYU integrates the world's best chemistry and technology into turn-key solutions — ensuring compliance, cost efficiency and **single-point accountability** for every client requirement.

A WHAT WE DELIVER

01
500+ specialty chemicals
Acids, alkalis, biocides, flocculants, lubricants and eco-friendly formulations — commodity or custom-formulated to site water chemistry.

02
Direct-to-site logistics
Bulk tankers (40 kL+), IBCs and drums (5–1000 L) with dangerous-goods handling across Class 2.3, 3, 5.1, 8 and 9.

03
Innovative water treatment
High-Rate Algal Pond Bioreactor installation, service and operation in remote locations, plus modular desalination units.

04
Nationwide infrastructure
Strategically located across WA, SA, QLD and VIC, supported by DG-certified storage and logistics.

B STRATEGIC PARTNERSHIPS

01 **Global water-treatment expertise**
Patented technologies and R&D from partners serving 48+ countries — ISO 14001-certified innovators in high-purity acids, patented flocculants and advanced water treatment.

02 **Safety & compliance**
Top-tier manufacturers of OSHA/EU-certified PPE and spill-response solutions, including bioremediation.

03 **Advanced logistics networks**
Bulk chemical transporters and DG-certified providers operating Australia-wide fleets (14–19.5 MT payloads) for just-in-time delivery to remote sites.

04 **AdBlue & fuel treatment**
ISO 22241-compliant AdBlue (AUS40/AUS32), fuel biocides and fuel detergents with injection systems — supplied with free-on-loan, IoT-monitored storage tanks.

INDUSTRIAL CHEMICAL PRODUCTS

A COMPREHENSIVE RANGE FOR YOUR OPERATIONS

Raw materials and formulated chemicals supplied in **15 L, 200 L, 1000 L and bulk-tanker** pack sizes — commodity or custom-formulated to site water chemistry.

A PRODUCT INDEX

- Acetic acid
- Aluminium sulfate
- Ammonia anhydrous
- Antifoams (silicone-free)
- Antiscalants
- Biocide liquids
- Borax
- Bore treatment & iron removal
- Caustic soda
- Citric acid
- Coagulants
- Cleaning range
- Corrosion inhibitors
- Degreasers & detergents
- Dry chlorine
- Dust-suppression liquid
- Eco cleaning aids
- EDTA 40% & powders
- Emulsion flocculants
- Ferric chloride
- Ferric sulfate
- Hydrochloric acid
- Hydrogen peroxide
- Liquid chlorine
- Membrane additives
- Nitric acid
- Phosphoric acid
- Poly aluminium chloride (PAC)
- RO powders & liquids
- SLS solutions
- Soda ash
- Sodium carbonate
- Sodium hexametaphosphate
- Sodium metabisulfite
- Sulfuric acid

B PROVEN SUSTAINABILITY

01
Returned-container circuit
5-year durable IBCs with end-of-life recycling; discounted pricing on returned cubes rewards waste reduction.

02
Green Chemistry range
Biodegradable, more-concentrated alternatives with dosing software for accurate, efficient use.

03
Photo-Bio-Reactor
High-Rate Algal Pond water treatment cutting energy, cost and waste at remote sites.

04
Cool coatings & fuel
Up to 60% lower cooling loads and 93% lower carbon; AdBlue and fuel additives lift efficiency.

QUALITY ASSURANCE

ISO 9001-certified manufacturing, NATA-tested raw materials, ISO 14001-aligned policies and anti-corruption compliance underpin every supply arrangement.

FULL-SPECTRUM SUPPLY

INDUSTRIAL, AUTOMOTIVE, SAFETY & FLAGSHIPS

As a national-level procurement partner, KALYU offers access to the entire catalogue of Australia's top trade-grade hardware, automotive and safety suppliers — alongside **two flagship programs unique to KALYU**.

A SUPPLY LINES

01
Industrial & building

Trade-grade tools, hardware, plumbing, electrical, building materials and bulk consumables — full catalogue access through leading national trade-supply networks.

02
Automotive & fleet

Engine oils, coolants, brake and suspension parts, filters, batteries and fleet consumables — sourced through national automotive parts networks for passenger, commercial and 4WD fleets.

03
Safety & PPE

Head-to-toe protection, detectors, fall-arrest, signage, spill and emergency kits, first aid, fire safety and lockout/tagout.

B FLAGSHIP PROGRAMS

WORKFORCE AS A SERVICE

INDIGENOUS WATER TREATMENT TECHNICIAN PROGRAM

A four-partner model — KALYU, Flowio/AWT, Environex and TAFE WA — delivering fully supervised, site-ready Indigenous technicians with measurable ESG outcomes and zero operational risk to host sites.

4	23	Cert III
DELIVERY PARTNERS	TECHNICIANS · 5-YR BASELINE	TAFE WA QUALIFIED

PASSIVE COOLING · SOLACOAT™

COOL COATINGS FOR CAMPS & ASSETS

Solar-reflective coatings for dongas, electrical buildings and rail assets — with a 15-year conditional warranty and a governed pilot → M&V → rollout pathway.

60%	93%	85%
LOWER COOLING LOAD*	LOWER CARBON*	SOLAR IR REFLECTED

Bulk & off-catalogue project services — full-line access to high-volume SKUs and project-specific procurement via national distributor networks. *Up to; site-specific, M&V-verified.

TRACK RECORD & COMMITMENTS

PROVEN AT SCALE, COMMITTED TO COUNTRY

Our mission is to enhance operational sustainability, reduce environmental impact and deliver economic efficiencies — while creating **real Indigenous economic participation**.

A CLIENT ENGAGEMENTS

CLIENT	ENGAGEMENT
FORTESCUE METALS GROUP	**500 kL+ water-treatment chemicals** and 10 kL+ hygiene solutions annually (2020–present); returned containers; antiscalant trials; bulk lime to Iron Bridge.
HANCOCK / ROY HILL	Tier-1 supplier for water-treatment chemicals (2024–present).
VEOLIA	Commodity chemical supply to specific WA sites (2024–present).
EPTEC	Commodity chemical supply to specific WA sites (2025–present).
BUDADEE ABORIGINAL CORPORATION	Co-design and support of direct community-impact programs across **19,000 km² of Palyku Country**.

B OUR COMMITMENTS

ENVIRONMENTAL
Lower-impact by design
Biodegradable products, emissions-reducing AdBlue supply and ISO 14001-aligned policies.

SOCIAL
Jobs on Country
Supply Nation certified — creating jobs and training pathways for Aboriginal communities.

QUALITY
Certified supply
ISO 9001 manufacturing, NATA-tested raw materials and anti-corruption compliance.

JAKE MILROY
OWNER OPERATOR · PALYKU TRADITIONAL OWNER
0417 282 427 · jake@kalyu.com.au · www.kalyu.com.au
KALYU Pty Ltd · ABN 11 637 600 689 · Perth, Western Australia