### CHEMISTRY FOR LIFE AND LIVING



# What is in a name ?

### Kevali means "Supreme Knowledge" and that is the nexus of Kevali's business model.

Kevali decided to enter the chemicals space in order to offer a very different value proposition. The chemicals sector has a number of offerings that are based on a commodities model that does not deliver full value to customers.

Kevali's proposition moves away from just "another chemical trading company" to one that aims to provide solutions to customers' everyday challenges and opportunities.

Kevali uses "Supreme Knowledge" to design and offer solutions that offer "Supreme Value".

### Kevali's business model & value proposition



Negative view of the chemicals industry

# Profile

Kevali provides customized solutions within the chemicals industry with a focus on Hygiene and Sanitation; Water Treatment and Adhesives. Kevali prides itself in offering solutions versus commodities.

Kevali aims to partner with its clients in offering bespoke solutions that will address customer challenges, needs and growth opportunities. Kevali Chemicals Group has extensive knowledge within the following sectors: brewing and wineries; dairy, food processing; soft drinks; fresh produce, meat and poultry.

Kevali has well-established relationships with critical international technology partners and it is these solid relationships that allow Kevali to hold a strong portfolio of technologies that can offer quality; cost effectiveness and sustainability to customers' operations. Kevali is a Black-owned South African enterprise that holds a level 1 BBBEE certification

This means Kevali has a good understanding of conducting business in South Africa and can also provide solutions that have the "South African" context in mind.

## Key business segments



#### Water Treatment

- Chemical Supply
- Water Treatment Plant & Facilities Design
- Problem Solving & Process Optimisation
- Turnkey Solutions



#### Hygiene & Sanitation

- Chemical Supply
- Hygiene Engineering & Design
- Problem Solving & Process Optimisation
- Turnkey Solutions



#### Adhesives

- Chemical Supply
- Bespoke Solutions
- Process Optimisation
- Problem Solving

## Product and solutions offering

We serve Food and Beverage Industry where processing plant and personal hygiene are critical for consumer safety.

We also provide good manufacturing practice and food safety related services to ensure that our customers produce products that are safe and suitable for consumption.



#### **Consumer Care**

- Chemical Supply
- Installation and Maintenance
- HACCP and Hygiene Audits
- Problem Solving
- Staff Training

# Hygiene and sanitation

#### Cleaning & Sanitising, CIP and Manual Systems

Alkalis, acids detergents, sanitizers/disinfectants

#### Manual Cleaning & Sanitising

Comprehensive range of alkali, acid, neutral detergents, sanitizers & disinfectants

**Range of Products** 

#### **Bottle Washing**

Formulated alkalis, caustic lye/flakes & additives

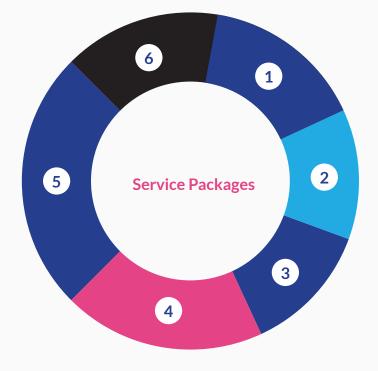
#### **Conveyor Lubrication**

Synthetics, natural oil (water free) & natural soap lubricants

### Processing & Environmental Sanitising

Foam, spray & high pressure cleaning & sanitising

- 1. QA and R&D Support
- 2. GMP / GHP Hygiene Risk Management
- 3. Supplier Partnering Programs
- 4. Specialised Staff Training
- 5. Hygiene Auditing & Reporting
- 6. Lean six sigma and DOE based trial designs and analysis



# Process and water treatment solutions

Sterilizer/ Pasteurizer Water Treatments		oorator tments	Process Water Treatments	
Biocides	Biocides		Cleaners	
Corrosion inhibitors	Cleaners		Scale inhibitors	
Dewatering aids	Defoamers			
Rinse aids	Flocculants			
Scale dispersants				
Coagulants and flocculants		Cleaners		
Defoamers		Corrosion inhibitors		
Odour neutralisers Odour scavenger Sludge dewatering aids		Deposit dispersants Fuel oil additives Membrane treatment		
TenCate Geotube* dewatering te	echnology			
Waste Water Treatments		Boiler Water Treatments		
Biocides		Biocides		
Corrosion inhibitors		Coagulants		
Deposit dispersants		Flocculants		
Scale inhibitors				

**Cooling Water Treatments** 

**Cooling Water Treatments** 

# Adhesives

#### Range of Products Labelling Adhesives

Casein based adhesives Synthetic adhesives

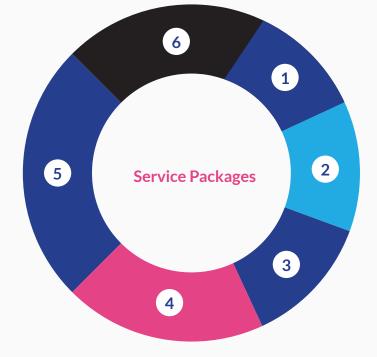
> Range of Products Labelling Adhesives

Speciality Adhesives Wood working Water based adhesives for packaging

#### **Hot Melt Adhesives**

EVA based hot melts for packaging Metalocene based hot melts for packaging Hot melts for labelling

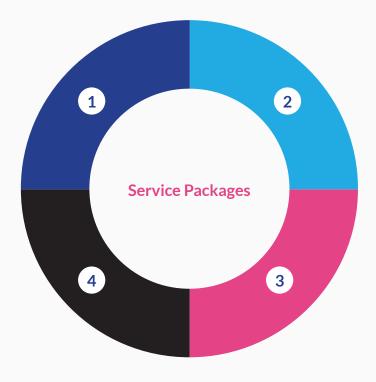
- 1. Trained Sales Technologies
- 2. Supplier Partnering Programs
- 3. Specialised Staff Training
- 4. Auditing & Reporting
- 5. QA and R&D Support
- 6. Lean Six Sigma and DOE



# Consumer Care



- 1. Staff Training
- 2. HACCP Training
- 3. Hygiene Auditing & Reporting
- 4. Site Audits and Solution Proposal



## Capabilities to serve the following industries

#### **Hygiene & Sanitation**



#### Beer, Wine, Alcoholic Beverages

CIP and manual systems, process equipment disinfection, environmental cleaning & disinfection/fogging, bottle washing, Filler CIP and foaming, chemical measurement system, conveyor lubrication, biofilm control, pasteurizer treatment, wort boiler descaling/tubes unblocking, drain and odour control.



#### Dairy

CIP and manual systems, process equipment disinfection, environmental cleaning & disinfection/fogging, Filler CIP and foaming, chemical measurement system, conveyor lubrication, biofilm control, pasteurizer treatment, drain and odour control.



#### **Fresh Produce**

Manual systems cleaning, process equipment disinfection, environmental cleaning & disinfection, personal hygiene products, chemical measurement system, drain and odour control, biofilm control.



#### **Red Meat**

CIP and manual systems, process equipment disinfection, environmental cleaning & disinfection, Personal hygiene, chemical measurement system, biofilm control, drain and odour control.



#### Poultry

Broiler farms cleaning, Broiler farms disinfection/ fogging, Hatchery cleaning, hatchery disinfection/ fogging, process equipment disinfection, personal hygiene products, biosecurity products, drain and odour control.



#### Water, Juices, Non/Carbonated drinks

CIP and manual systems, process equipment disinfection, environmental cleaning & disinfection/fogging, bottle washing, Filler CIP and foaming, chemical measurement system, conveyor lubrication, biofilm control, pasteurizer treatment, drain and odour control.



#### **Fisheries**

CIP and manual systems, process equipment disinfection, environmental cleaning & disinfection, Personal hygiene, chemical measurement system, biofilm control, drain and odour control.



#### **Food Processing**

CIP and manual systems, process equipment disinfection, environmental cleaning & disinfection, personal hygiene products, chemical measurement system, drain and odour control, biofilm control.

#### Water Treatment



#### Pulp & Paper

Specialist process products ranging from conventional corrosion and deposit inhibitors to biocides and defoamers on to polymers for retention and waste water treatment.



#### **Petrochemical and Refinery**

Development of innovative problem solutions, such as Scavengers for mercury removal, emulsion breakers for process water systems, effective defoamers for stripper columns, Safe and efficient cleaning and degassing additives. In refinery side also Patented ACF technology for online removal and prevention of ammonium salts, Fouling inhibitors, Fuel additives, Cleaning and degassing additives, Technologies for Heat Stable Salt (HSS) control.



#### Automotive

Cooling Water, Boiler Water, Waste Water & Paint Booth Treatment



#### Mining

Cooling Tower, Boiler Water, Waste Water Treatment & Reverse Osmosis.



#### **Municipalities**

Portable Water & Waste Water Treatment.



#### Food and Beverage

Cooling Water, Boiler Water, Waste Water, Reverse Osmosis & Pasteurizer Water Treatment.



#### **General Manufacturing**

Cooling Water, Boiler Water, Waste Water, Reverse Osmosis.



#### **Power Generation**

Cooling Water, Boiler Water, Waste Water, Reverse Osmosis.



#### **Metal and Steel**

Different flocculants and emulsion breakers as well as specific products for removal of heavy metals, water reclycling, cooling water, boiler water, Waste Water, Reverse Osmosis technologies.



#### Pharmaceuticals

Cooling Water, Boiler Water, Waste Water, Reverse Osmosis.

#### **Consumer Care**



#### Hospitality

Hygiene products and solutions to ensure a clean and safe environment. Staff training and Audits that ensure protection of people but also create an environment for optimum guest satisfaction.



#### Healthcare

Solutions to provide sanitation and disinfection for eradication of infections and maintenance of clean and sterile environments where in high quality patient care can be given.



#### **Textiles**

On premise and commercial laundry chemicals that are effective at cleaning and also offer optimum spend management through high quality products and low energy solutions.



#### **Buildings and Facilities**

Chemical supply for effective cleaning of facilities with solutions engineered to offer productivity, quality and sustainability. Dispensing solutions that ensure minimum product wastage and compliment facility aesthetics.



#### **Food Services**

Supply of a range of products for surface and wash ware care. Staff training to ensure food safety and adherence to standards such as HACCP. Provision of green solutions for reduction in electricity and water usage.

# We would love to hear from you, do contact us





Water Treatment Hygiene & Sanitation Adhesives Processing Chemicals Kevali Consumer Care

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