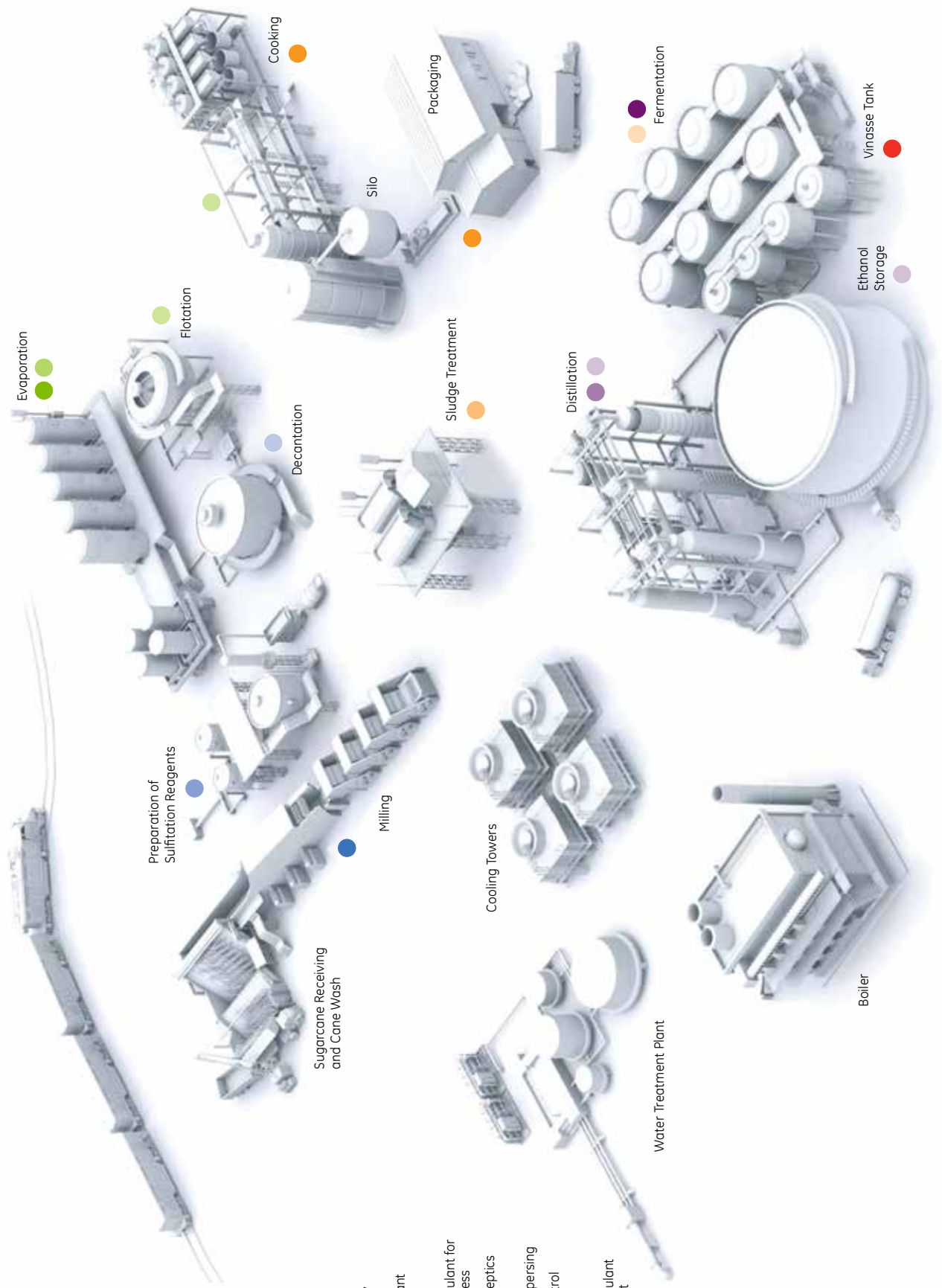


ImproChem

Technobrief

Making water work for the Sugar and Ethanol Industries





- Biocides for Milling
- Pre-Flocculant
- Flocculants
- Deposit Control
- Chemical Cleaning
- Decolorizing Agents/Pre-Flocculation/Flotation for Flocculant
- Viscosity Reducer
- Coagulant and Flocculant for Filters and Rotary Press
- Antibiotics and Antiseptics for Fermentation
- Antifoaming and Dispersing
- Column Fouling Control
- Ethanol Neutralizer
- Coagulant and Flocculant to Vinasse Treatment

Evaporation

Flotation

Decantation

Preparation of Sulfitation Reagents

Milling

Sugarcane Receiving and Cane Wash

Cooling Towers

Water Treatment Plant

Sludge Treatment

Distillation

Packaging

Silo

Fermentation

Ethanol Storage

Vinasse Tank

Boiler



Drinking Water Treatment

- Flocculation
- Clarification
- Filtration
- RO/MF/UF Membrane Protection and Cleaning
- Disinfection



Solid/Liquid Separations

- Coagulants
- Flocculants
- Dewatering Aids
- Disinfectants
- Foam Control
- pH Control
- Bio-augmentation Products
- Heavy Metals Removal
- Membrane chemicals



Steam Generation

- Feedwater Pre-treatment & Conditioning
- Internal Treatment for Scale and Deposit Control
- Oxygen Scavengers
- Condensate Treatment
- pH Control
- Wet lay-up
- Cycle Optimisation



Cooling Water Management

- Feedwater Pre-treatment
- Corrosion Control
- Scale Control
- Microbial Control Fouling Control
- pH Control
- Foam Control
- Side-stream Filtration & Desalination
- Cleaning & Passivation



Process Treatment

- Mixed Juice Clarification
- Scale control
- pH control
- Mill Sanitation Solutions
- Cleaning Additives
- Viscosity Reducers
- Ethanol Neutralisers
- Ethanol Biofuel Additives



Engineered Solutions

- Complete in-house range of equipment
- Pre-treatment and post-treatment plant
- Chemical storage and preparation
- Chemical dosing and control systems
- Packaged systems
- Complete design, build and operate projects



A business of



[Head Office](#)

1 Pinelands Hill Business Park • Maxwell Drive
Founders Hill • Johannesburg
P.O.Box 2954 • Kempton Park • 1620 • South Africa
Telephone: +27 11 971-0400
Facsimile: +27 11 394-3436

[Email](#)

improchem@improchem.co.za

[Website](#)

www.improchem.co.za

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