OUR PRODUCTS

SURFACTANTS

Surfactants, short for surface-active agents, play a crucial role in various industries and everyday products. These compounds possess unique properties that enable them to reduce surface tension between two different phases, such as a liquid and a solid or another liquid.

Industrial Cleaning (I&I)

Textile Auxiliary

Detergent

MWF & Lubricants

Personal Care

Construction

Pulp Paper

Agrochemical

VOXA™ NOL Series

Advantages:
- Wide range of functions and applications for industry
- Excellent solubilisers with good wetting capability
- Alkali and acid resistance
- Enhanced detergency and degreasing properties
- Form outstanding and stable emulsions
- Lower foam

VOXA™ MER Series

Advantages:
- Very good anti-foaming properties
- Foam reducers in industrial processes
- Very good solubility in ground water
- Low pour point
- Products not classified as dangerous
- Approved for contact with food
- High reactivity - possibility of modification with other substances

VOXA™ CET Series

Advantages:
- Very good washing and cleaning properties
- Excellent non-foaming and softening agents
- Anti-electrostatic effect
- Very good emulsifiers in industrial formulations
- Improve the lubricating properties of the formulation

VOXA™ MIN Series

Advantages:
- Effective emulsifier
- Resistant to hard water and acid and alkaline environments
- Has anti-corrosion properties
- Very good detergent properties
- Biodegradable product

VOXA™ PEG Series

Advantages:
- Solubilising, softening, lubricating and moisturising properties
- Show adhesive and binding abilities
- A wide range of applications in industry
- Safe, non-toxic substances
- Non-hygroscopic products
- Highly soluble in water
- Biodegradable products

PCG PCC OXYALKYLATES

PCG PCC OXYALKYLATES SDN. BHD.

Kerteh, Terengganu Office
Unit 2-G, Biopolymer Park, Business Center
No 1, Jalan KBP 1 A, Kerteh Biopolymer Park
24300 Kemaman, Terengganu, Malaysia.

Kuala Lumpur Office
Unit No. B-11-4, 11th Floor Northpoint Offices
Mid Valley City, No. 1 Medan Syed Putra Utara
59200 Kuala Lumpur, Malaysia.

General Line: +609-831 8000 **E-mail: admin@pcg-pcc.com** **www.pcg-pcc.com**

PCG PCC OXYALKYLATES

PCG PCC OXYALKYLATES SDN. BHD.
Company Profile

ABOUT OUR COMPANY

PCG PCC Oxyalkylates Sdn. Bhd. is a private limited joint-venture company owned by PETRONAS Chemicals Group Berhad , PCC SE and MBI Modal Sdn. Bhd.

PCGPCC operates at the Kerteh Integrated Petrochemical Complex (KIPC) in Kerteh, Terengganu, Malaysia, where it specializes in producing non-ionic surfactants, i.e. specialty ethoxylates, and specialty polyols. These products are essential for a wide range of applications, including cleaning products, personal care formulations, and various polyurethane uses, such as flexible and rigid foams, coatings, and adhesives.

MILESTONES

2017
Incorporation of PCC Oxyalkylates Malaysia Sdn Bhd as a PCC SE project Company

2020
Joint Venture (JV) Company between PCG and PCC SE

Aug 2021
JV was renamed to PCG PCC Oxyalkylates Sdn. Bhd.

Oct 2021
Construction started

Jun 2023
Plant Commissioning

Nov 2023
Plant Ready For Start Up

Jul 2024
Provisional Acceptance for Polyols Unit

May 2024
Provisional Acceptance for Ethoxylates Unit

May 2024
Malaysian state-owned company, MBI Modal Sdn Bhd, acquire 5% equity interest in PCGPCC

OUR PRODUCTS

POLYOLS

Polyols are essential ingredients in many products we use daily, known for their ability to add flexibility, durability, and comfort. These compounds work as building blocks in items ranging from soft foams in mattresses and furniture to sturdy adhesives and coatings. By blending with other materials, polyols create lasting comfort, strength, and moisture control, helping products hold up better over time.

The VOXA™ POL product line finds its application mainly in the production of flexible foams, rigid foams and CASE applications. The foams are being used in the furniture industry, automotive industry and many others.

Flexible Foams - VOXA™ POL

Advantages:
- Wide application in furniture sector for production of pillows, with its premium softness, foam openness, and optimum resiliency
- High Resilience Foam
- Conventional Foam
- Technical & CME Foam
- Hypersoft Foam
- Viscoelastic / Memory Foam

C.A.S.E - VOXA™ POL

Advantages:
- Produce viscoelastic foams and as a cell opener
- Specialty polyol for highly durable, remarkably scratch resistance, good tear strength and splendid elongation
- Coating
- Adhesive
- Sealant
- Elastomer

RIGID Foams - VOXA™ POL

Advantages:
- Optimize foam features such as hardness, openness and relative elongation at rupture
- Wall insulator
- PU packaging
- Thermal insulator