



# UDEC NEWS

ISSUE NO 18      March 2013

## ACTIVATED CARBON STOCK

We are pleased to inform you that UDEC is now keeping stock of the following specialised products in our warehouse. This selection from the Jacobi range of activated carbons is suitable for various applications.

**TECHNICAL DATASHEET**      **JACOBI**

**AquaSorb® 2000**  
granular coal based  
activated carbon

**Product Description:**  
AquaSorb® 2000 is a high quality granular activated carbon manufactured by steam activation from wood chips of softwood origin. The particle diameter ranges from 0.8 to 1.2 mm. The product is a high strength material with excellent adsorption capacity. The product is a high strength material with excellent adsorption capacity. The product is a high strength material with excellent adsorption capacity.

**Key Features:**  
• High adsorption capacity  
• High strength  
• High porosity  
• High surface area

**Applications:**  
• Water treatment  
• Air purification  
• Food and beverage processing

**Technical Specifications:**  
• Particle size: 0.8 - 1.2 mm  
• Bulk density: 0.45 g/cm³  
• Surface area: 1000 m²/g  
• Pore volume: 0.5 cm³/g

**Storage and Handling:**  
• Store in a cool, dry place  
• Avoid contact with water

**Health and Safety:**  
• No special precautions required

**Product Packaging:**  
• 25 kg bags  
• 1000 kg bulk bags

**TECHNICAL DATASHEET**      **JACOBI**

**AquaSorb® CS**  
granular coconut shell  
based activated carbon

**Product Description:**  
AquaSorb® CS is a high quality granular activated carbon manufactured by steam activation from coconut shells. The particle diameter ranges from 0.8 to 1.2 mm. The product is a high strength material with excellent adsorption capacity. The product is a high strength material with excellent adsorption capacity.

**Key Features:**  
• High adsorption capacity  
• High strength  
• High porosity  
• High surface area

**Applications:**  
• Water treatment  
• Air purification  
• Food and beverage processing

**Technical Specifications:**  
• Particle size: 0.8 - 1.2 mm  
• Bulk density: 0.45 g/cm³  
• Surface area: 1000 m²/g  
• Pore volume: 0.5 cm³/g

**Storage and Handling:**  
• Store in a cool, dry place  
• Avoid contact with water

**Health and Safety:**  
• No special precautions required

**Product Packaging:**  
• 25 kg bags  
• 1000 kg bulk bags

**TECHNICAL DATASHEET**      **JACOBI**

**AquaSorb® CP1**  
powdered coconut shell  
based activated carbon

**Product Description:**  
AquaSorb® CP1 is a high quality powdered activated carbon manufactured by steam activation from coconut shells. The particle size is less than 0.15 mm. The product is a high strength material with excellent adsorption capacity. The product is a high strength material with excellent adsorption capacity.

**Key Features:**  
• High adsorption capacity  
• High strength  
• High porosity  
• High surface area

**Applications:**  
• Water treatment  
• Air purification  
• Food and beverage processing

**Technical Specifications:**  
• Particle size: < 0.15 mm  
• Bulk density: 0.45 g/cm³  
• Surface area: 1000 m²/g  
• Pore volume: 0.5 cm³/g

**Storage and Handling:**  
• Store in a cool, dry place  
• Avoid contact with water

**Health and Safety:**  
• No special precautions required

**Product Packaging:**  
• 25 kg bags  
• 1000 kg bulk bags

**TECHNICAL DATASHEET**      **JACOBI**

**ColorSorb® HP120**  
powdered wood based  
activated carbon

**Product Description:**  
ColorSorb® HP120 is a very high quality powdered activated carbon manufactured using highly purified wood chips. The particle size is less than 0.15 mm. The product is a high strength material with excellent adsorption capacity. The product is a high strength material with excellent adsorption capacity.

**Key Features:**  
• High adsorption capacity  
• High strength  
• High porosity  
• High surface area

**Applications:**  
• Water treatment  
• Air purification  
• Food and beverage processing

**Technical Specifications:**  
• Particle size: < 0.15 mm  
• Bulk density: 0.45 g/cm³  
• Surface area: 1000 m²/g  
• Pore volume: 0.5 cm³/g

**Storage and Handling:**  
• Store in a cool, dry place  
• Avoid contact with water

**Health and Safety:**  
• No special precautions required

**Product Packaging:**  
• 25 kg bags  
• 1000 kg bulk bags

AquaSorb is primarily used for removing **dissolved Organic Contaminants and Chlorine** from water. It is suitable for municipal water treatment (removal of taste & odour), process water treatment in beverage production as well as point of use water filters.

ColorSorb is renowned for its effective **removal of color bodies** in the production of food, oils, pharmaceutical and chemical products. In addition, ColorSorb also **reduces the risk of undesirable or toxic by-products such as patulin** from the manufacturing process.

However; due to the diverse characteristics of the products in stock they can be used very successfully in **various other** applications so do not hesitate to contact us for further technical information - one of our consultants will gladly assist with your query.

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Local Carbon Stock

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Congratulations Christal

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Supplier visit—Jacobi

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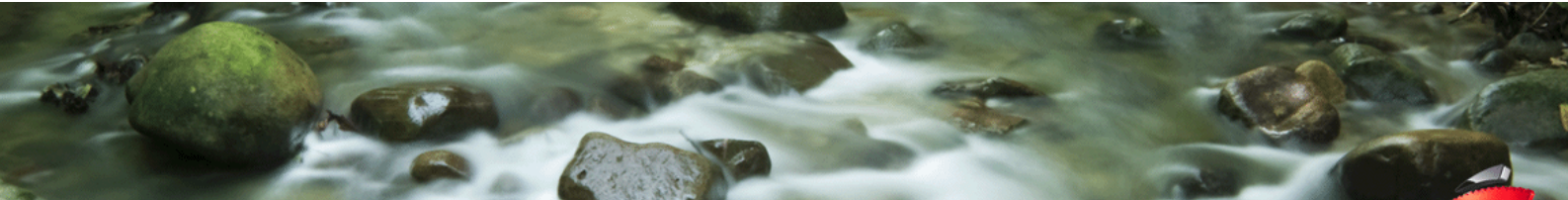
Account Manager—Dorette

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Supplier visit—BASF

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Team Building Cruise



# C O N G R A T U L A T I O N S   C H R I S T A !

We are delighted to announce that Christa Franken has been promoted to a Management position.

Though her primary focus is still to provide excellent service to her valued clients, her new title and responsibilities will certainly be a welcome challenge.

*"It is an honour that I was chosen for this position. This is a wonderful opportunity and challenge." – Christa Franken*



# S U P P L I E R   V I S I T S

P i e r r e - E r i c   B l a n c  
J A C O B I - P i c a

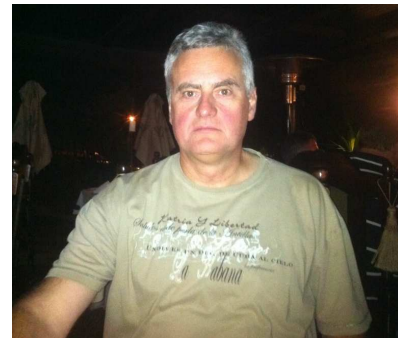


It was a pleasure to once again welcome Activated Carbon Expert, Pierre-Eric Blanc, to South Africa. He visited us in February and focused on providing specialised information to the local gold mines and water treatment customers.

L o t h a r   K a r r e r  
B A S F   A D S O R B E N T S   T E A M

We always greatly value the opportunity to be able to learn from the best and therefore appreciated the visit from BASF's Global Product Technology Manager, Dr. Lothar Karrer.

He provided us with specialised training in the technical details and different application usages of Activated Clays, Claus Catalyst, Sorbead and Activated Alumina.







# A C C O U N T M A N A G E R

## Filtration Media + Industrial Chemicals

To ease the process of obtaining information and technical assistance, Account Managers have been appointed to the various products in the Udec portfolio. In this issue we have a closer look at what specialised products falls under the management of Dorette.

### FILTRATION



Perlite | Diatomaceous Earth

Perlite and DE are used for filtration of pharmaceutical and food liquids, for example wine, beer, edible oil and glucose.



Filter Cloths

Marsyntex filter cloths for centrifuges and filter plates.



Filtration Media

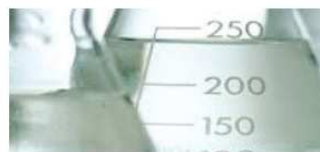
Flocculants and Anthracite are used to improve the sedimentation or filterability of small particles.



Activated Bentonite | Clay

Activated Clay is used for decolonization and refining of automotive oil, grease, waxes and edible oil.

### INDUSTRIAL CHEMICALS



Solvents

Perchloroethylene  
Monoethanolamine pure (MEOA)  
Monodiethanolamine (MDEA)  
Diethanolamine Pure (DEOA)  
Triethanolamine (TEOA)



Intermediates

Amino-Di-Ethylene-Glycol (ADEG)  
AMIX TI solution  
Mono-isopropanolamine (MIPOA)  
Di-isopropanolamine (DIPOA N)  
Tri-isopropanolamine (TIPOA) pure  
Tri-isopropanolamine (TIPOA)



Lab Chemicals

MEG (Mono Ethylene Glycol)  
Aluminium sulphate  
Methylene Chloride (Methaclone)



*“Please contact me for any filtration or industrial chemical requirements”*



# T E A M   B U I L D I N G   C R U I S E

We had the wonderful opportunity to sail the open seas on the MSC Sinfonia, undertaking a 3 day cruise to Mossel Bay. With unlimited entertainment, activities and a constant flow of food and drink onboard, there was never a dull moment. This was a once in a lifetime experience and definitely one for the bucket list!

