

The Chemistry Solutions Company

2020/011869/07

Chemical Profile

"Towards a Sustainable
Chemistry Future"



<https://thechemistrysolutionscompany.com/>

Welcome Message

2020/011869/07

**Lesley
Mukwada**

Founder of The Chemistry
Solutions Company



At The Chemistry Solutions Company, we're committed to a greener future. We offer a range of sustainable and eco-friendly chemical solutions that minimize environmental impact without compromising performance. Our products are designed to reduce waste, conserve energy, and promote healthier ecosystems. By choosing our innovative solutions, you're not just selecting chemicals; you're investing in a cleaner, more sustainable world.



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About Us

Company History

TCSC
Pty Ltd

Since 2020

The Chemistry Solutions Company is a relatively young company with a strong focus on sustainable and green chemistry. Its history is marked by a commitment to addressing water challenges in Africa and providing innovative solutions for a cleaner future. The company has quickly established itself as a leader in water testing, treatment, and related services, driven by Lesley's passion for using her scientific knowledge to empower communities and promote sustainable practices.

Vision

To be a global leader in sustainable and green chemistry, empowering communities and industries to thrive in harmony with the environment.

Mission

To foster a culture of innovation and collaboration, driving scientific advancements that benefit society and the planet.



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Our Services

TCSC
Pty Ltd



Science Consultation

Need expert advice on a complex scientific problem? Our team of experienced scientists offers comprehensive science consultation services. From research design and data analysis to troubleshooting experiments and developing innovative solutions, we're here to assist you. Whether you're a student, researcher, or industry professional, our tailored consultations can help you achieve your scientific goals.



Training and Education

Looking to enhance your scientific knowledge and skills? Our comprehensive training and education programs are designed to empower individuals at all levels. From introductory workshops to advanced courses, our experienced instructors provide hands-on training in a variety of scientific disciplines. Whether you're a beginner or a seasoned professional, our programs can help you stay ahead in today's competitive scientific landscape.



Research and Development

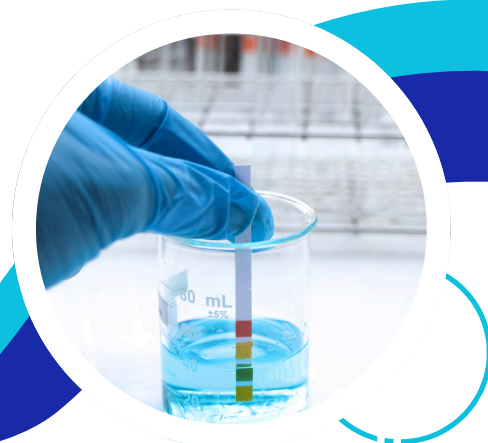
Our dedicated team of scientists and engineers is committed to pushing the boundaries of scientific knowledge. Our Research and Development services offer innovative solutions to complex challenges. From fundamental research to applied development, we collaborate with clients to identify opportunities, develop new technologies, and bring groundbreaking products to market.



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Our Products

TCSC
Pty Ltd



Inorganic

Inorganic Acids, Bases & Salts.

Organic

Organic Acids, Bases & Salts.

Indicators

Litmus Paper, Phenolphthalein,
Methyl Orange & Universal Indicator



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Our Solvents

TCSC
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Acids

→ Hydrochloric acid
(HCl)

→ Sulfuric acid (H_2SO_4)

→ Nitric acid (HNO_3)

→ Acetic acid
(CH_3COOH)

Bases

→ Sodium hydroxide
(NaOH)

→ Potassium
hydroxide (KOH)

→ Ammonia solution
(NH_3)



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Our Organic Compounds

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Acids

Acetic Acid (CH_3COOH)
Citric Acid ($\text{C}_6\text{H}_8\text{O}_7$)



Non-polar Solvents

Hexane, Heptane, Benzene,
Toluene, Chloroform (CHCl_3)



Bases

Amines (Methylamine;
Ethylamine)
Pyridine



Polar protic solvents

Ethanol
Methanol



Polar aprotic solvents

Acetone (CH_3COCH_3),
Dimethylformamide (DMF),
Dimethyl sulfoxide (DMSO)



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Our Salts

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→ Sodium chloride
(NaCl)

→ Sodium bicarbonate
(NaHCO₃)

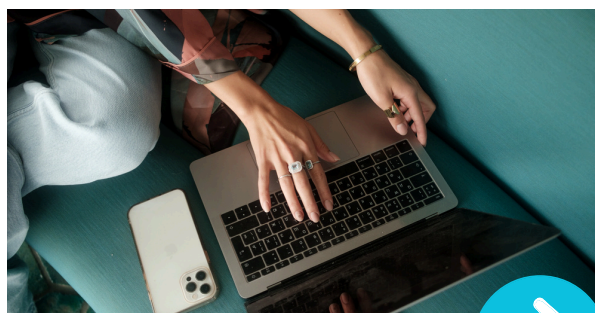
→ Copper sulfate
(CuSO₄)

→ Sodium Acetate
(CH₃COONa)

→ Potassium
permanganate
(KMnO₄)

→ Ammonium Acetate
(CH₃COONH₄)

→ Sodium carbonate
(Na₂CO₃)



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Our Indicators

TCSC
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Litmus Paper

Blue litmus paper
Red litmus paper



Phenolphthalein



Methyl Orange



Universal Indicator



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Our Advantages

TCSC
Pty Ltd



Experience and Expertise

Leverage our wealth of experience and unparalleled expertise to elevate your scientific endeavors. Our team of seasoned scientists brings a deep understanding of complex scientific concepts and practical applications. Benefit from our proven track record of successful projects and our ability to navigate challenges with innovative solutions.



Sustainable Innovation

We're at the forefront of sustainable innovation, driving positive change through science. Our commitment to eco-friendly practices and responsible resource management ensures that our solutions are not only effective but also environmentally conscious. By embracing sustainable innovation, we deliver long-lasting benefits for both our clients and the planet.



Strong Customer Support

Our dedicated customer support team is committed to providing exceptional service. We're here to assist you at every step, from project initiation to final delivery. With prompt responses, personalized attention, and a focus on your satisfaction, we ensure a seamless and positive experience.



Continuity

Our commitment to long-term partnerships ensures continuity in our services. We understand that building strong relationships is essential for sustainable success. By providing consistent support, timely updates, and reliable delivery, we foster trust and create lasting collaborations.



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Thank You

TCSC
Pty Ltd

We are ready to help you
achieve a more sustainable
future.

Contact Information



+27-074-272-0227



<https://thechemistrysolutionscompany.com/>



info@thechemistrysolutionscompany.com



The Chemistry Solutions Company (PTY) LTD
Trading as Waterlab on Main
Shop G22, Stadium On Main,
99 Main Road
Claremont
Cape Town
7708
South Africa