

HYDROCARBON REMEDIATION

COMPANY PROFILE



COMPANY OVERVIEW



INTRODUCTION

Proton Chemicals Ltd specializes in the management and control of hydrocarbon contamination at its source. Our products offer value-added benefits such as decreased contamination in process circuits and enhanced mineral recovery. We are committed to service excellence, delivering innovative and practical solutions that address our customers' specific needs. Our development process is guided by a strong focus on safety and environmental responsibility, ensuring our solutions are both effective and sustainable. We continuously invest in the latest technologies and collaborate with industry professionals to develop new products that meet and exceed industry standards.

MISSION STATEMENT

At Proton, our mission is to deliver innovative, economical, and practical solutions for the elimination of hydrocarbon contamination. We are committed to advancing operational efficiency for our clients through high-performance technologies, while upholding service excellence rooted in dedication, integrity, and ethical conduct.

VISION STATEMENT

Proton strives to be a global market leader in the development and supply of specialized, innovative, environmentally responsible, and cost-effective solutions for the industrial and mining sectors.

CORE VALUES

Safety First

We prioritize the health and safety of people, safe surfaces, and the environment in everything we do.

Environmental Responsibility

Our products are developed with a deep commitment to biodegradability, eco-compliance, and sustainability.

Innovation with Purpose

We use the latest technology and raw materials to develop solutions that set new industry standards.

Service Excellence

We deliver hands-on support, professional training, and guaranteed results through consistent and ethical service.

Accountability and Integrity

We take full responsibility for our work, our products, and our partnerships, always operating with honesty and respect.

MANAGEMENT AND TEAM EXPERIENCE

At Proton, our team is the driving force behind our success. As a proudly South African company, we bring together a group of highly experienced professionals with a proven track record in delivering innovative solutions to both industrial and corporate clients.

Our leadership and technical teams include skilled people across multiple disciplines, collectively offering decades of hands-on experience in the design, development, and implementation of solution driven products.

We have a deep understanding of global standards, and local logistics, and supply chain operations, which enhances our ability to competitively and efficiently deliver products and solutions on a large scale.

The experience, knowledge, and accountability of our team, combined with a proactive, client-focused approach, form the foundation of our continued growth. We pride ourselves on providing value-added, results-driven service, ensuring long-term partnerships with our clients across diverse industries.

CERTIFICATION AND COMPLIANCE

At Proton, we are committed to upholding the highest standards of safety, environmental responsibility, and regulatory compliance. Our chemical products conform to a range of stringent international compliance directives, ensuring they meet both industry and legislative expectations. Below are the compliance directives that the main chemicals conform to:

- The EU Detergents Regulation (EC) No 648/2004 compliant.
- SARA (Superfund Amendments and Reauthorization Act USA).
- SARA 302/304/311/312 extremely hazardous substances: No products were found.
- SARA 302/304 emergency planning and notification: No products were found.
- SARA 302/304/311/312 hazardous chemicals: No products were found.
- Ecolabel Compliant (EU).
- REACH Registration Number : 01-2119493601-38-0000.

GREENTAG CERTIFICATION

Our Worx Degreaser has achieved two certifications with Global GreenTag Cert™, a globally respected sustainable product certification system and eco-mark that validates our commitment to safer, more sustainable industrial cleaning.

Through GreenTag's vigorous certification processes, Worx Degreaser was independently assessed and verified to assure you that it is designed to be safer for human use and the environment, manufactured under socially responsible conditions, and made locally. This ensures that the product, from cradle to grave and beyond, has a lighter footprint on the earth - all together demonstrating that we are intentionally supporting the growth of a 'greener', more sustainable future.



OUR PRODUCTS

- **MTech/Worx Degreaser**
MTech/Worx Degreaser is Proton's water-based, eco-friendly degreaser formulated for mining and industrial use. It rapidly cuts through hydrocarbon contamination without emulsifying, allowing quick separation and biodegradation. Custom-formulated options per site, MTech/Worx Degreaser ensures minimal to no impact on mineral recovery (mass pull) during froth flotation processes.
 - **Soil Tech**
Soil Tech is Proton's environmentally friendly product for treating hydrocarbon-contaminated soil and gravel. It neutralizes harmful hydrocarbons and transforms them into organo-silicates - non-toxic, inert substances that cannot leach or contaminate.
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UNIQUE SELLING POINTS

Eco-Conscious and Biodegradable

MTech/Worx is GreenTag certified. Our products meet international biodegradability standards (OECD 301/310), are non-toxic, non-flammable, and water-soluble, ensuring safe, sustainable cleaning.

Locally Manufactured, Globally Aligned

Proudly made in South Africa, our products meet international compliance standards (REACH, SARA, EU Ecolabel).

Hydrocarbon Neutralization at the Source

We don't just clean, we don't move hydrocarbons from point A to point B, we convert hydrocarbon contamination into non-hazardous, inert organo-silicates, at the source.

End-to-End Cleaning Solutions

From supplying the product to training your staff, we provide a total cleaning solution backed by expertise and support.

CONTACT DETAILS

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