



SCI-TECH

ENGINEERED CHEMICALS INC.

PROTOCOL SERIES

Leaders in Green Chemistry

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Protocol Series

The Protocol Series of products is the culmination of over 18 years of developing and trialling environmentally friendly cleaning products. From oilfield operations, to restaurants, hospitals, schools and building maintenance, Protocol products have outperformed traditional chemistries while earning Ecologo accreditations and Green Restaurant Association endorsements.

ENVIRONMENTALLY FRIENDLY CLEANING SOLUTIONS

AREAS OF APPLICATION

- General Purpose
- Cleaner/Degreaser
- Tub, Tile & Grout
- Bathroom Cleaning
- Kitchen Cleaning
- Sanitizing
- De-scaling
- Floor Care
- Glass Cleaner
- Toilet Bowl Cleaner
- Laundry
- Mechanical Dish Washing
- Personal Hygiene
- Grease Trap Maintenance

Leaders in Green Chemistry

Sci-Tech Engineered Chemicals Inc. is a Canadian chemical manufacturer, servicing a variety of markets within Canada and abroad. With a focus on research and development, Sci-Tech has become a leader in environmental cleaning solutions.



UL Ecologo Program

Ecologo Certified Products, services and packaging are certified for reduced environmental impact. Ecologo Certifications are voluntary, multi-attribute, lifecycle-based environmental certifications that indicate a product has undergone rigorous scientific testing, exhaustive auditing, or both, to prove its compliance with stringent, third-party, environmental performance standards.

These standards set metrics for a wide variety of criteria in some or all of the following categories: materials; energy; manufacturing and operations; health and environment; product performance and use; and product stewardship and innovation.



Green Restaurant Association

The Green Restaurant Association's (GRA) standards reflect 28 years of research in the field of restaurants and the environment. Thousands of restaurants and hundreds of thousands of restaurant personnel have provided the living laboratory for the continued evolution of the GRA Standards. The purpose of the GRA standards is to provide a transparent way to measure each restaurant's environmental accomplishments while providing a pathway for the next steps each restaurant can take towards increased environmental sustainability.

PROTOCOL SERIES

Environmentally Friendly Cleaning Solutions

Protocol K-300i

Cleaner / Degreaser
CFIA APPROVED



Protocol K-300i is a highly concentrated Ecologo approved and GRA endorsed all-purpose cleaner designed specifically to quickly penetrate dirt, oil, grease, pigments, and other everyday soils. A unique and carefully chosen blend of non-ionic surfactants and biodegradable builders enables K-300i to perform well in many different environments from offices to industrial sites.

✓CONCENTRATED ✓MULTI-SURFACE ✓RESTAURANTS
✓BUILDING MAINTENANCE ✓INDUSTRIAL

Protocol K-300

All-purpose Cleaner
CFIA APPROVED



Protocol K-300 carries the Ecologo signifying certification by Canada's Environmental Choice Program, under the C.E.P.A.. K-300 is an all-purpose cleaner designed specifically to quickly penetrate dirt, oil, grease, pigments, and other everyday soils. A unique and carefully chosen blend of non-ionic surfactants and biodegradable builders enables K-300 to outperform traditional water-soluble cleaners when used comparatively.

✓READY TO USE ✓MULTI-SURFACE ✓RESTAURANTS
✓BUILDING MAINTENANCE

Protocol K-301

Cleaner / Degreaser
CFIA APPROVED

Protocol K-301 is a highly concentrated heavy duty cleaner/degreaser designed to tackle the toughest soil loads. As a concentrated multi-purpose cleaner, K-301 outperforms traditional products in the harshest conditions while being environmentally friendly and 100% biodegradable.

✓CONCENTRATED ✓MULTI-PURPOSE ✓HEAVY DUTY
✓INDUSTRIAL





Protocol K-650

Calcium, Rust & Lime Remover

CFIA APPROVED



Protocol K-650 is an Ecologo certified and GRA endorsed calcium, rust and lime remover. Formulated with organic salts, K-650 is safe to use on any surface but must be thoroughly rinsed from all surfaces after use. K-650 is particularly effective on stone surfaces and any surface that interacts with water on a regular basis, making this a perfect product for kitchen and bathroom environments.

✓READY TO USE ✓MULTI-SURFACE ✓BATHROOMS
✓KITCHENS ✓STONE ✓STAINLESS STEEL

Protocol K-651

Heavy Duty Calcium, Rust & Lime Remover

CFIA APPROVED | SANITIZER

Protocol K-651 is a heavy duty tub, tile, and grout cleaner made from an organic salt/surfactant blend designed to quickly penetrate dirt, oil, grease, calcium carbonate, lime, rust, and other everyday soils. K-651 is safe to use on any surface but must be thoroughly rinsed from all surfaces after use.

✓READY TO USE ✓HEAVY DUTY ✓MULTI-SURFACE ✓TILE
✓STONE ✓GROUT



Protocol K-280

Descaler

CFIA APPROVED

Protocol K-280 is an organic salt based descaler designed to remove hard water scale and rust deposits. K-280 is formulated without detergents to prevent foam build up and film formation. This product is suitable for descaling coffee and tea brewers, soup wells, hot holding inserts, urinals, dishwashers etc.

✓CONCENTRATED ✓COFFEE MACHINES ✓DISHWASHERS
✓HARD WATER SCALE ✓RUST DEPOSITS



Protocol K-400

Neutral Floor Cleaner
CFIA APPROVED



Protocol K-400 is an Ecologo certified neutral floor cleaner that utilizes a biodegradable, naturally derived surfactant system. This concentrated product efficiently removes black marks and day-to-day soils without damaging existing floor finishes.

✓CONCENTRATED ✓NEUTRAL pH ✓EASY ON FLOOR FINISH

Protocol K-451

Floor Finish
APE FREE

Protocol K-451 is a superior floor finish that meets all environmental standards while providing maximum protection and durability to newly stripped floors. A 20% solids content allows for fewer applications of K-451 compared to most floor finishes, while exhibiting outstanding recoat-ability, high off the mop gloss, and good buff or burnish response.

✓LOW ODOUR ✓HIGH SOLIDS CONTENT
✓OUTSTANDING RECOAT ABILITY

www.scitechinc.ca
A CANADIAN COMPANY



Protocol K-661

Glass Cleaner
CFIA APPROVED



Ecologo certified Protocol K-661 non-ammoniated glass cleaner is designed for fast, thorough cleaning of all glass surfaces. It removes soils without smudging and with no VOCs, alcohols, or glycol ethers, this product is an ideal choice for industries where environmental impact is a concern.

✓READY TO USE ✓NON-AMMONIATED ✓ALL GLASS SURFACES

Protocol K-671

Toilet Bowl Cleaner
PHOSPHATE FREE

Protocol K-671 is a low pH toilet bowl cleaner made from an organic salt surfactant blend, designed to quickly penetrate urine, calcium, lime, rust, and other toilet bowl soils. This unique blend of organic surfactants and organic salts performs exceptionally well and is an ideal choice for applications where personnel safety may be at risk and environmental impact is a concern.

✓READY TO USE ✓LOW pH
✓TOILETS ✓URINALS





Protocol K-151

Liquid Laundry Detergent

CFIA APPROVED



An innovative combination of biodegradable surfactants and builders results in a performance detergent that removes stains from a variety of fabrics. This hypoallergenic detergent is formulated with zero dyes and fragrances and carries Ecologo Certification.

✓SCENT FREE ✓DYE FREE ✓HYPOALLERGENIC

Protocol K-251

Dishwashing Detergent

CFIA APPROVED

Protocol K-251 is a low foaming, industrial dishwashing detergent that utilizes a unique combination of highly biodegradable ingredients. These ingredients collaborate to suspend and sequester soils, while cutting through the toughest grease. This product may be used in high or low-temperature dish machines.

✓HIGH & LOW TEMP MACHINES ✓LOW FOAMING ✓LIQUID

Protocol K-252

Dishwashing Rinse Agent

CFIA APPROVED

Protocol K-252 is a rinse agent designed to enhance sheeting of water in the final rinse of high and low-temperature mechanical dishwashers. Made with all biodegradable ingredients, Protocol K-252 rinse additive will eliminate spots on glasses, cutlery, and all other kitchenware.

✓HIGH & LOW TEMP MACHINES ✓LIQUID





Protocol K-751

Hand Soap

CFIA APPROVED

Protocol K-751 is an ultra-mild hand soap, made from coconut oil emollients that leave hands clean and feeling soft. This product is almond scented and pH balanced for sensitive skin. K-751 is ready to use in all types of liquid soap dispensers.

✓ULTRA MILD ✓SENSITIVE SKIN FRIENDLY
✓ALMOND SCENTED ✓LIQUID SOAP DISPENSER READY

Protocol K-750

Foaming Hand Soap

CFIA APPROVED



This exceptionally mild, Ecologo certified hand soap was designed for use in foaming hand soap dispensers. It uses ultra mild, readily biodegradable cleaners that are tough on dirt, but mild on skin. Protocol K-750 is not formulated with dyes, fragrances or preservatives that can irritate sensitive skin.

✓ULTRA MILD ✓HYPOALLERGENIC ✓SCENT & DYE FREE ✓FOAMING SOAP
DISPENSER READY

Protocol K-760

Lotion Hand Soap

CFIA APPROVED



This exceptionally mild hand soap was designed for use in all standard liquid soap dispensers. It uses ultra mild, readily biodegradable cleaners that are tough on dirt, but mild on skin. Protocol K-760 is not formulated with dyes, fragrances or preservatives that can irritate sensitive skin.

✓ULTRA MILD ✓HYPOALLERGENIC ✓SCENT & DYE FREE ✓LIQUID SOAP
DISPENSER READY



Protocol K-621

Organic Waste Degradener

Protocol K-621 uses specially selected bacterial strains and enzymes to degrade and remove organic waste. These bacteria and enzymes actively attack oil, grease and fat that builds up in drains, grease traps and sumps. A cherry scent covers odours while the organic material is broken down.

✓GREASE TRAPS ✓DRAINS ✓SUMPS ✓CHERRY SCENTED

Protocol K-390

Aluminum Brightener

Protocol K-390 is a hydrofluoric acid (HF) free aluminum brightener that is designed to imitate HF without the safety hazards. It uses a low toxicity acid salt specially designed to remove dirt, grime, and oxidation from aluminum surfaces leaving them bright and clean.

✓CONCENTRATED ✓ALUMINUM ✓ACID REPLACEMENT

Protocol K-370

Scale & Oxide Remover

Protocol K-370 is an organic salt based chrome and stainless steel cleaner designed to eliminate rust and calcium deposits. Protocol K-370 can be used alone or as a presoak in a two-stage wash system. The organic salts used in Protocol K-370 act like hydrochloric acid without the safety hazards.

✓CONCENTRATED ✓STAINLESS STEEL ✓CHROME
✓ACID REPLACEMENT



WHY CHOOSE GREEN?

ELIMINATE TOXICITY AT THE SOURCE INSTEAD
OF TRYING TO TREAT IT LATER

NO PHOSPHATES

Phosphate run-off is responsible
for algae overgrowth

NO GLYCOL ETHER EB

Glycol ether EB is toxic and can
contribute heavily to air pollution

NO EDTA

EDTA can re-mobilize heavy
metals in treated sewage
and transport them back into the
water table

NO SYNTHETIC DYES OR FRAGRANCES

Dyes and fragrances can trigger
allergic reactions

NO NONYLPHENOL ETHOXYLATES (NPEs)

NPEs degrade in to substances
harmful to aquatic life

IMPROVE WORKPLACE SAFETY AND ENVIRONMENTAL
FOOTPRINT BY CHOOSING ECOLOGO APPROVED
PROTOCOL PRODUCTS



PRODUCT REFERENCES

Tim Hortons



"My teams have been using the Scitech products for two years and deem them our "magic cleaners"! They work amazingly well while offering significant cost savings both in direct cleaning costs and labor time.

The simplicity of replacing so many products with just two cleaners is priceless! Scitech has provided the solution for general everyday tasks, deep cleaning issues or extensive renovation projects.

Their effectiveness is second to none! Being UL certified and CFIA approved, these chemicals assisted us in becoming certified by the Green Restaurant Association as TIM HORTONS FIRST GREEN RESTAURANTS!

I have cleaner restaurants, a happier team, and an improved bottom line..... A COMPLETE WIN!!"

*Rhonda Pardy,
Tim Hortons Franchisee
Brandon, Manitoba*

Alberta Health Services



"We are excited about using a product that is not only environmentally safe to use, but that is also incredibly effective. Our cleaning staff also find easy to use. In fact, of all similar products that we have trialed over the years, we have found this to be the most effective calcium, lime and rust remover we've seen. We began using Protocol K-650 prior to 2009 and recently trialed the K-651 as well and have been so impressed with the superior performance of these two products."

*Brandi Dul,
Manager, Environmental Services
University of Alberta Hospital*

Syncrude Canada



"The chemical products supplied by Sci-Tech Engineered Chemicals for this cleaning and maintenance process are Bitusol Delta and Protocol K-303. The chemicals meet Syncrude's functional and safety standards while providing superior performance characteristics"

Robert Babin

Edmonton Fire Rescue



"Effective January 1, 2006, Edmonton Fire Rescue began using the Sci-tech Protocol K-300 (all-purpose cleaner), K-301 (vehicle wash) and the K-651 (Calcium, lime & rust remover).

We are very pleased to say that these 3 products have exceeded our expectations, environmentally speaking and performance wise."

*Merrilee Dent,
Logistics Coordinator*

City of Edmonton



"The City of Edmonton has established the product performance of the Protocol line of environmental products to be of high quality. Our environmental program consists of four criteria: ecological impact, product performance, client service, and value; the Protocol products have met the stated criteria."

*Rob Kuziw,
General Supervisor - Facility Maintenance Services*



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