BIOMEK™

WATER ENGINEERING & CHEMICAL

Cleaning Products Catalogue 2023

Our Range

PROBIOTIC ENVIRO RANGE

PROBIOTIC ENVIRO range offers high-quality, performance driven, environmentally responsible, application specific microbial products. An effective and sustainable alternative to traditional chemicals across a wide range of industries.

HYGIENE SANI RANGE

Our HYGIENE SANI range consists of a high quality, innovative cleaning & hygiene products to suit our clients needs and expectations in all sectors and industries.

AUTO WASH RANGE

AUTO WASH range of powders & detergents are designed specially for use in automated wash machines. With highly effective & powerful soil removing agents to meet the required needs.

PROBIOTIC SANI RANGE

Our Patented PROBIOTIC SANI range of products serve to sanitise surfaces & repopulate good bacteria in an effective & sustainable way to reduce the spread of pathogenic bacteria & drug-resistant species. Registered NRCS/8054/296536/892.

BIO ENVIRO RANGE

BIO ENVIRO range, a selection of efficient biological & plant based cleaning products which are bio- degradable and environmentally friendly. A safer, less harmful alternative to traditional chemicals across a wide range of industries.

HEAVY DUTY RANGE

Our HEAVY DUTY range of degreaser & cleaner products exist for tasks which defy normal detergent compounds. Formulated for easy cleaning in the removal of tough soils such as built up fats, grease, grime & carbon deposits.

Our Cleaning Products

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HAND SANITIZER

DIS-INFECTANT

HAND SANITIZING

HYGIENE SANI RANGE

An instant hand and arm sanitizer with a refreshing scent. It will eliminate over 99.5% of cross contamination micro-organisms and will not cause drying of the skin.

Dilution
Refill liquid soap in refillable type dispensor.
Required dose is 1-2ml required, applied and lathered on hands.

Pack Size : 500ml, 5Lt & 25Lt

We offer a range of sanitizer dispensors used in a wide variety of applications from residential use to commercial & industrial use.

HAND CLEAN LIQUID HAND SOAP

FOR DISPENSORS

SKIN CLEANSER

HYGIENE SANI RANGE

Quality liquid soap with a fresh fragrance containing emollients to protect hands. Used in all types of dispensers and central dispensing systems.

Dilution
Refill liquid soap in refillable type dispensor.
Required dose is 1-2ml required, applied and lathered on hands then rinse with water.

Pack Size : 5Lt & 25Lt

We offer a range of hand soap dispensors used in a wide variety of applications from residential use to commercial & industrial use.

BIO DISH WASHING LIQUID

REMOVES FATS, OILS GREASE

KEEPS DISHES SPARKLING

BIO ENVIRO RANGE

A highly concentrated dish washing liquid with specialised blends selected to clean & lift food soils, fats, proteins & starches from tableware & cookware.

Pack Size / Dilution

5lt Container / Dillute 1:200

25lt Container / Dilute 1:200

5ml to 1Lt of water

ECOMINI chemical dosing system is the ideal partner for busy kitchens looking to cut costs and wastes. A push operated pump designed to deliver 30ml detergen directly from a product container into a commercial kitchen sink.

ENVIRO DISH WASHING LIQUID

ECO FRIENDLY

REMOVES FATS, OILS GREASE

KEEPS DISHES SPARKLING

PROBIOTIC ENVIRO RANGE

Enviro Dish Washing Liquid concentrate consists of application specific bacterial cultures. Breaks down & degrades food soils while removing stains from tableware & cookware.

Pack Size / Dilution

5lt Container / Dillute 1:10

25lt Container / Dilute 1:10

5ml to 1Lt of water

ECOMINI chemical dosing system is the ideal partner for busy kitchens looking to cut costs and wastes. A push operated pump designed to deliver 30ml detergen directly from a product container into a commercial kitchen sink.

DISH WASH

AUTO DISH DETERGENT

REDUCES STREAKS

HARD WATER TOLERANCE

AUTO WASH RANGE

Dish washing detergent with caustic alkali & scale control agents specially formulated to provide removal of soil in soft to medium water. Used in a wide range of washing machines.

Dilution
Dose via an automatic system. Recommended dose is 2-5ml based on normal operational conditions.

Pack Size : 5Lt & 25Lt

See our single peristatic pump system for dosing dishwashing detergent into a wide variety of commercial dishwashers.

DISH DRY

DRYING AGENT

NO RINSING REQUIRED

AUTO MACHINE USE

KEEPS DISHES SPARKLING

AUTO WASH RANGE

Dish Dry liquid is used in the rinse cycle of dishwashing machines to prevent water spotting on dishes. Contains low foaming wetting agents. Used in a wide range of washing machines.

Dilution
Can be introduced into the rinse water line directly or by via a dosing pump. For dip tray operation, mix 50ml - 50L of water.

Pack Size : 5Lt & 25Lt

See our single peristatic pump system for dosing rinse aid into a wide variety of commercial dishwashers.

SANI KITCHEN

HARD SURFACE CLEANER

FOOD CONTACT SURFACE SAFE

DIS - INFECTANT

24/7 TREATMENT

DEEP SURFACE CLEANING

PROBIOTIC SANI RANGE

Dual action, Probiotic-Based Disinfection Cleaner. Used to remove fats, oils, grease & other organics on kitchen surfaces.

Our Kitchen Surface Cleaner's unique formulation, combining chemistry & microbiology, offers an innovative way of cleaning a variety of shiny surface (not damaged by water) in domestic kitchens.

USES: ALL kitchen surfaces

- Pots & Pans
- Floors/Tiles
- Appliances
- Microwave
- Stove Tops
- Ovens

Pack Size / Dilution

500ml Spray Bottle / RTU

5lt Container / Dillute 10:1

25lt Container / Dilute 10:1

Advantages

- Probiotic cleaner, continuously cleaning even after application.
- Readily biodegradable to minimise environmental impact.
- An environmmentaly sustainable way to clean naturally.
- Active probiotics clean at a microscopic level.

BIODNA®

NATURE'S CHEMISTRY

HARD SURFACES
SANITIZING CLEANER

FOOD CONTACT SURFACE SAFE

DIS-INFECTANT

24/7 TREATMENT

DEEP SURFACE CLEANING

PROBIOTIC SANI RANGE

A Hard Surface Cleaner that is fast acting, natural bacterial laden liquid for use in degrading fats, oils & grease.

This unique formulation combines chemistry and microbiology to offer an innovative way of cleaning a wide variety of shiny surfaces.

Pack Size / Dilution

5lt Container / Dillute 10:1

25lt Container / Dilute 10:1

Used for ALL hard surfaces,

- Extractor Hoods
- Glass & Mirrors
- Shiny surfaces
- Table Tops
- Walls & Floors
- Appliances

Advantages

- Probiotic cleaner, continuously cleaning even after application.
- Readily biodegradable to minimise environmental impact.
- An environmmentaly sustainable way to clean naturally.
- Active probiotics clean at a microscopic level.

BIODNA®
NATURE'S CHEMISTRY

GLASS & MIRROR

NATURAL PROBIOTICS

ECO FRIENDLY

24/7 TREATMENT

ODOUR NEUTRALISER

PROBIOTIC SANI RANGE

Glass & Mirror is a unique probiotic-based cleaner that gets rid of dirt and grime from windows, glass, mirrors, fiberglass.

The safe, naturally occurring bacteria are present to handle difficult problems and hard to reach areas consuming all organic materials on the surface, keeping your windows, glass, and mirrors cleaner for longer.

Pack Size / Dilution

500ml Spray Bottle / RTU

5lt Container / Dillute 10:1

25lt Container / Dilute 10:1

Advantages

- Removes grease & dirt from reflective hard surfaces.
- Anti-smear technology & streak free.
- Continuous cleaning even after application.
- Readily biodegradable to minimise environmental.

ASTRO TURF
CLEANER

NATURAL PROBIOTICS

DISINFECTANT

24/7 TREATMENT

ODOUR NEUTRALISER

PROBIOTIC SANI RANGE

Fast acting, natural bacterial laden liquid used in degrading fats, oils, grease, uric acid & other organics found on artificial grass

Biodna Astro Turf Cleaner is an effective, cost-saving cleaning solution for use on astroturf, synthetic lawns, indoor & outdoor sports filelds.

Safe to use around children, pets and other wildlife. Also maintains the condition and appearance of artificial grass.

Pack Size / Dilution

500ml Spray Bottle / RTU
5lt Container / Dillute 10:1
25lt Container / Dilute 10:1

Advantages

- Probiotic cleaner for continuous cleaning after application.
- Readily biodegradable to minimise environmental impact.
- Removes urine and odours in synthetic turf.
- Probiotic cleaner preserves your artificial grass.
- Kills green & black algae.

SANI CLEAN

SANITIZING CLEANING POWDER

SURFACE DISINFECTANT

PATENTED FORMULATION

NATURAL PROBIOTICS

PROBIOTIC SANI RANGE

A fast acting, natural bacterial laden powder formulation in degrading fats, oils & grease on hard surfaces. Dual action Disinfection & Cleaning naturally with enhanced formulation and technology using DNA sequencing.

Patented formulation that disinfects and kills bad pathogenic bacteria on contact and reintroduces good baceria to the surface post disinfection for a sustainable solution and protection. Beneficial and ongoing cleaning action hours after initial application with the use of natures probiotic chemistry.

Pack Size:
4kg & 20kg Buckets

Dosage
1 Scoop (50g) to 5lt Water

Mix/stir well. Apply to hard surfaces & allow minimum contact time of 5 minutes before wiping surface.Use within 3 hours of mixing recommneded.

Suitable for industrial, domestic & institutional areas. Also including environmental hygiene in health care, retail, catering & food processing sectors.
Spectrum of activity : Bactericidal

ORGANIC DESCALER

MULTI PURPOSE SCALE REMOVER

BIO - DEGRADABLE

ECO FRIENDLY

ORGANIC ACID BASE

BIO ENVIRO RANGE

Multipurpose Organic Descaler is a fully biodegradeable, organic acid, safe for the removal of scale build up.

Our descaler is based on an organic acid found naturally in fruit. It replaces the traditional mineral and other non oganic acids in scale removal applications, but it is not classified as a corrosive irritant therefore safe to use.

Pack Size / Dilution

100ml Spray Bottle / RTU
5lt Container / Dillute 10:1
25lt Container / Dilute 10:1

Areas of Use:

- Kettles
- Steam Iron
- Dish washers
- Washing machines
- Coffee machines
- Toilets
- Urinals
- Showers

OVEN & GRILL
DEGREASING LIQUID

GREASE REMOVAL

PH HIGH PH

CAUSTIC BASED

HEAVY DUTY RANGE

Oven & Grill concentrated liquid for the removal of fats, grease and carbonised oils.

Biodna Oven & Grill liquid is a high concentrated, caustic based, heavy duty degreaser and cleaner.

Designed to attack and remove grease and carbon deposits from grills, ovens, flat tops, deep fryers and extractor hoods.

Pack Size / Dilution
5lt Container / Dillute 10:1
25lt Container / Dilute 10:1

Advantage

- Formulated to achieve high performance cleaning & degreasing.
- Supplied in liquid concentrate form for various dilution strengths.
- Suitable for use use in professional kitchens.
- Ideal for degreasing grills, deep fat fryers, pans, ovens and braai's.

BIODNA®
NATURE'S CHEMISTRY

SANIKLOR TABS

CHLORINE EFFERVESCENT TABLETS

SURFACE DISINFECTANT

FOOD CONTACT SURFACES

HYGIENE SANI RANGE

Specific formulation that disinfects and kills bad pathogenic bacteria. Used on ALL food prep surfaces, cutting boards and utensils.

Saniklor Tablets are chlorinated effervescent tablets for sanitising and to pre-clean crockery, hard surfaces, cutting boards/chopping blocks & food preparation equipment. Saniklor Tablets are an accurate and convienant way of makingf up a solution of known available chlorine strengths for a wide variety of sanitising tasks.

Dosage

Utensils : 1 Tablets in utensils tray with water.
Spray Bottle - 1/2 Tablet, mix with 500ml water.

Mix/stir well. Allow 30 seconds before wiping. Use within 6 hours of mixing. For utensils soaking, change solution after every shift or within 6 hours of mixing.

Advantage

- Increased hygiene level at the lowest concentration.
- Effective against known pathogens.
- Easy to store & transport.
- Low residue so no system clogging.
- High concentration of available chlorine per unit.

BATHROOM
HARD SURFACES CLEANER

NATURAL PROBIOTICS

DIS-INFECTANT

24/7 TREATMENT

ODOUR NEUTRALISER

PROBIOTIC SANI RANGE

Bathroom Hard Surface cleaner is a fast acting, natural bacterial laden liquid for use in degrading organics on hard surfaces.

Designed to tackle odours & dirt in commercial settings such as offices, retail, schools, hospitals and clinics, airports and stations.

Pack Size / Dilution

5lt Container / Dillute 10:1

25lt Container / Dilute 10:1

Areas of Use

- Toilets/Urinals
- Public restrooms
- Wall Tiles
- Sinks/Basins
- Showers/Baths
- Wall Tiles

Advantages

- Our products are smear-free on hard, shiny surfaces.
- Reduced labour and maintenance cost.
- Remove stubborn stains & prevent odours at the source
- Penetrates microscopic pores on surfaces for a deeper clean & odour-free for longer.

BIOLOGICAL URINAL TABLETS

NATURAL PROBIOTICS

ECO FRIENDLY

ODOUR NEUTRALISER

BIO ENVIRO RANGE

Uniquely formulated biological tablets to prevent foul odours in urinals & treatment of septic & drainline treatment.

Urinal Tablets consisting of bacterial strains degrading uric acid, eliminating odours and preventing drain blockages in a urinal system.

Pack Size :
15 Tablets Bucket
45 Tablets Bucket

Instructions for use:
Place one tablet in urinal or problematic area. Replace with new tablet in urinal every 1-2 weeks or when neccessary.

Advantage

- Odour (hydrogen sulphates & ammonia) removal.
- Reduces BOD & COD (Biological & chemical oxygen demand).
- Assists in un-clogging & maintenance of drain lines.
- Our tablets consist of uric acid digesting bacteria blends.

CARPET & UPHOLSTERY

NATURAL PROBIOTICS

ECO FRIENDLY

24/7 TREATMENT

ORGANIC DEGRADER

PROBIOTIC ENVIRO RANGE

Carpet & Upholstery provides superior organic stain removal performance and long lasting odour control.

A surfactant package offering instant cleaning for a wide variety of organic stains. The probiotics penetrates deep into the fibres for complete degradation of residual organic soils that may cause odours or recurrence of stains.

Areas of Use:

- Pet stains & odours
- Stained clothing
- Carpet & furniture cleaning

Pack Size / Dilution

500ml Spray Bottle / RTU
5lt Container / Dillute 10:1
25lt Container / Dilute 10:1

Advantage

- Ensuring textiles remain at high quality without the need to replace them.
- Our bacteria remain in the fibres preventing future stains from occuring.
- Effective cleaning & stain removal without harming the environment.

BIODNA®
NATURE'S CHEMISTRY

AUTOZYME

LAUNDRY WASHING POWDER

BIO - DEGRADABLE

LOW FOAM

UNIQUE CHEMISTRY

AUTO WASH RANGE

Eco Sustainable, low foaming, high performance, automatic washing powder with oxygen bleaching agents & bio-enzymes.

Pack Size

5kg & 10kg Buckets

Dilution

Med. to normal wash load.
14g per 1Kg of washing.

A mild laundry detergent that does not contain dyes or chlorine. For use on light colours & whites, also effective in soft to hard water.

Our washing powder helps maintain quality and extend the lifespan of clothing and linen. Ideal for laundromats, hotels & home laundry.

Advantages

- Oxygen bleach effective in tackling stains & brightening clothes in the laundry.
- No toxic drawback compared to conventional detergents & chlorine bleaches.
- Environmentally friendly, non-toxic substance, safe for the water supply.
- Bio-enzymes, excellent for stain removal, breaking down fats, oils & protein chains.

DRAIN CLEANER

PROBIOTIC TREATMENT POWDER

ORGANIC DEGRADER

ECO FRIENDLY

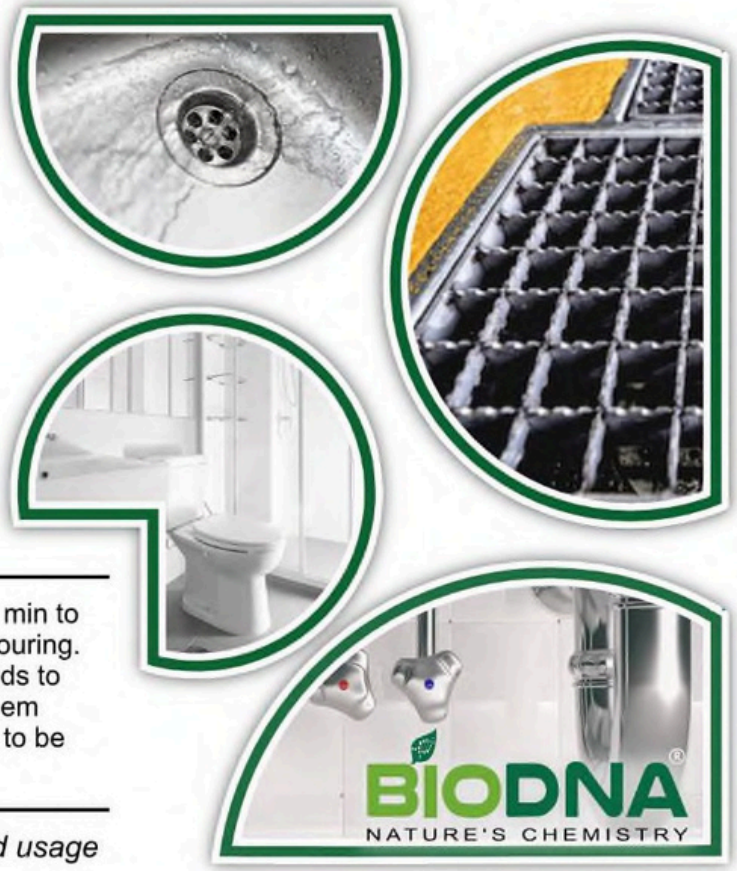
ODOUR NEUTRALISER

PROBIOTIC ENVIRO RANGE

A unique blend of application specific bacterial cultures selected to degrade proteins, uric acid, fats, oils, grease & soap scum waste in drain pipes.

Our bacteria is of the highest standards so we gaurantee that the Bacillius we deliver are correct in both species and concentration and are free of contaminants.

Suitable for use in ALL types of drainage systems in households, kitchens, bathrooms/restrooms & commercial applications.



Advantage

- Clears Fat, Oil & Grease build up.
- Non-toxic, safe & easy to use.
- Clears blocked drains.
- Reduces odours of organic load.

Suggested Dosages | **Pack Size:** 80g, 480g & 2kg & 4kg Buckets

Household Drainage	Maintenance, use monthly	Drain Cleaner - 80g Powder	Allow for 15 min to work after pouring. Product needs to flow to problem areas being to be effective.
	Clearing clogged drain	Drain Cleaner - 80g Powder	
Medium to Large Drains	Maintenance, use monthly	Drain Cleaner - 480g Powder	
	Clearing clogged drain	Drain Cleaner - 480g Powder	

For industrial & municipal drainage not listed above, please contact your local agent for required usage

SEPTIC & PIT

PROBIOTIC TREATMENT POWDER

ORGANIC DEGRADER

ECO FRIENDLY

ODOUR NEUTRALISER

PROBIOTIC ENVIRO RANGE

Unique & natural treatment powder with a high bacterial count. Boosts treatment of raw sewage, fats, oils, greases in septic holding systems.

Our bacteria is of the highest standards so we gaurantee that the Bacillius we deliver are correct in both species and concentration and are free of contaminants. Suitable for use in portable toilets, pit latrines, septic tanks, french drains and waste water systems.

Advantages

- Breakdown of organic wastes.
- Non-toxic, safe & easy to use.
- Reduces foul odours.
- Reduces pathogens eg. E.Coli.

Suggested Dosages

Pit Latrines	Maintenance - Slow Release	Septic & Pit - 230g Solid	4 - 6 Months / 2 People
	High Loading - Fast Acting	Septic & Pit - 80g Powder	1 - 2 Months / 2 People
Septic Tank	Maintenance - Slow Release	Septic & Pit - 500g Solid	4 - 6 Months / 2 People
	High Loading - Fast Acting	Septic & Pit - 480g Powder	2- 4 Months / 2 People

For treatment of sewage & septic systems not listed above, please contact your agent for dosing amount

FOG BRICK

PROBIOTIC TREATMENT SOLID

ORGANIC DEGRADER

ECO FRIENDLY

ODOUR NEUTRALISER

PROBIOTIC ENVIRO RANGE

A unique bacteria-laden solid, combining a high bacterial count with slow release technology, for use in degrading organic waste in grease traps & grease interceptors.

Slow release platform for the control of Fats, Oils & Grease. Contains non-pathogenic Class 1 microorganisms that are both environmentally responsible and safe for the end user.

For use in lift stations, grease traps interceptors and effluent streams rich in organic materials.

Advantage

- Breaks down fat, oils, grease build up.
- Reduces sludge build up.
- Eliminates bad odour at source.
- Degrades complex organics.

Suggested Dosages & Sizes

230g FOG Brick	25 - 100L Grease Trap	Lasts 3 - 6 months
500g FOG Brick	100 - 500L Grease Trap	Lasts 3 - 6 months
1 kg FOG Brick	500 - 1000L Grease Trap	Lasts 3 - 6 months
5 kg FOG Brick	1000 - 5000L Grease Trap	Lasts 3 - 6 months

For treatment of sewage & septic systems not listed above, please contact your agent for dosing amount.

ODOUR NEUTRALIZER

NATURAL PROBIOTICS

ECO FRIENDLY

ODOUR NEUTRALISER

PROBIOTIC ENVIRO RANGE

Odour encapsulation technology with natural probiotic offers multiple ways of combating odour problems.

A cleaner, greener, healthier approach to common chemical air fresheners that does not pollute your indoor air.

Our unique formula eliminates the root cause of unpleasant odours, including tobacco, pets, waste bins, shoes, gym bags (such assweat), animal secretion, & cat urine (litter boxes). Safe for users, children, pets & the environment.

Ideal for use in vehicles, schools, bathrooms, gyms, dog kennels, hotels, offices, hospitals/clinics, food courts & restuarants. BIODNA Odour Neutralizer provides quick & effective results.

Pack Size / Dilution

500ml Spray Bottle / RTU

5lt Container / Dillute 10:1

25lt Container / Dilute 10:1

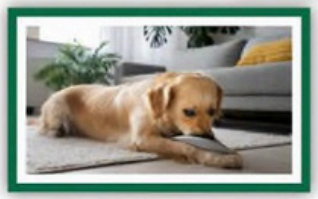
WHAT WORKS

Our Three phase approach

1) Light fresh fragrance.

2) Odour encapsulation.

3) Benefial bacteria.



EFFERVESCENT WATER DISINFECTANT TABLETS

WATER DISINFECTANT

SURFACE DISINFECTANT

HOUSEHOLD & COMMERCIAL

HYGIENE SANI RANGE

Fast acting effervescent for disnfection & purification of water to make potable.
Wide spectrum disnfectant solution.

Biomek Chlorine Tablets are specially formulated to release chlorine steadily into the water via effervescents.

Biomek Chlorine tablets are safer, more effective, economic & convenient disinfectant. Fast acting & have a complkete spectrum of biocidal activity, being effectib against known bacteria, algae, fungi, protozoa & viruses.

Pack Size :

15 & 45 Tabs

Dosage

Water Volume	5 000L	10 000L
1st Dose	2 Tablets	3 Tablets
Weekly Maintenance	1 Tablets	2 Tablets

Dosages are suitable under normal conditions.

Ideal levels for drinking water is between 1-5 ppm.

Always check your chlorine levels.

Advantage

- Safe & easy to use.
- Effective against known pathogens.
- Easy to store & transport.
- Dissolves quickly in water, low residue.
- Inexpensive disinfectant agent.