DUSTBANE
Give Meaning To Your Cleaning

Proportioning & Dispensing

Systems Guide



PRODUCTIVITY | SIMPLICITY | SUSTAINABILITY



THE BENEFITS OF USING A PROPORTIONING SYSTEM

Benefit 1: Health & Safety

Not only are chemical dispensers convenient, but they can also help to ensure the health & safety of both staff and customers. The closed loop systems minimize the risk of an employee spilling concentrated chemicals on themselves or inhaling the potentially hazardous fumes, which could happen when mixing chemicals by hand. Since there are no spillages of the chemical concentrate, the chances of slip and fall accidents are also reduced.

In addition to operator safety, your customers will equally benefit from the safety that comes with properly diluted chemicals. For example, if a floor finish is not mixed at the correct dilution rate, this can contribute to sticky or slippery floors. As a result, there is a greater risk of injuries. Similarly, if a disinfectant becomes overly diluted, this could have a negative impact on the performance of the chemical, resulting in the spread of germs and bacteria. Finally, if a chemical is too strong and not sufficiently diluted, this may lead to respiratory issues or skin reactions.

Benefit 2: Cost Savings

The common factor between all the benefits that come along with using a dispensing system is cost. Ultimately, the use of a chemical dispensing system will lead to an increase in cost savings in all aspects. Time savings, waste reduction, mitigated risk of injury, fewer shipments, less inventory, minimal storage space, and greater product control are all factors that contribute to making sure you get a return on your investment in a timely manner.

Benefit 3: Waste Reduction

Chemical dispensing systems reduce the risk of human error by automatically mixing the correct amounts of chemical concentrate and water. As a result, there is no potential for using excess amounts of product and water, or for spillage during the manual pouring process.

In addition to less product waste, users will benefit from a reduction in packaging waste due to the fact that containers of concentrated chemical do not need to be replaced as frequently as their ready-to-use counterparts.

Benefit 4: Time Savings

Thanks to the precise dilution provided by chemical dispensers at the push of a button, operators no longer need to manually mix products, which in turn contributes to more time being spent on the cleaning process as opposed to the preparation of the solution.

Furthermore, the use of improperly diluted chemicals can often lead to having to repeat the work more often or redoing it altogether since the job was not done well the first time. By accurately dispensing the pre-determined dilution rate for the task at hand, you can be sure that your cleaning solution remains consistent and completes the job correctly.

Benefit 5: Time Savings

There are many reasons why dilution systems are an eco-friendly option. Firstly, when you opt to refill your existing reusable bottles with diluted chemical concentrates from a dispenser, this means less packaging compared to always using new bottles of a premixed solution. This in turn reduces excess waste as well as the frequency of shipments required.

Fewer shipments not only translate to lower costs, but also to less fuel being used by shipping providers. Furthermore, the disposal of accurately diluted chemicals ensures that overly concentrated solutions are not making their way into municipal water systems. Although the impact may seem small, these actions can go a long way in reducing your carbon footprint. Lastly, if a company is seeking to be LEED-Certified, the use of a chemical dilution system is an important aspect of that certification process.

To learn more about **The Benefits of Using a Proportioning System,** visit our website to read the full article.



2-In-1 Proportioning Pump

Proportioning pump

This convenient, cost-effective alternative to other proportioning systems attaches directly to any jug or bottle for on-the-spot use. It includes a stopper mechanism that can adjust the unit to dispense either a 15 mL pump or a 30 mL pump.

- Reduces splashing and spills, promoting a safer manual dilution process
- Provides accurate volume with each pump
- Lightweight and portable
- Ideal for diluting chemicals or for attaching to your bulk hand soap for consistent dosage

Code: 51774



Buddy Jug

20 L Jug

The Buddy Jug is an easy to use, commercial-grade jug with a 20 L capacity. The perfect product to optimize your storage space and create a system for filling spray bottles, buckets, or auto-scrubbers.

- Translucent design to quickly see what's inside
- Reduces storage space
- Lightweight and portable with a convenient carrying handle

Code: 51055

RiteFlex

Proportioning system

Offers a portable means of accurately diluting concentrated cleaning products. Simply attach the hose to a water source and effortlessly fill mop buckets, sinks, auto-scrubbers, or empty bottles, all without the need to hold the weight of the container. The RiteFlex can be configured to dilute at almost any rate to create a solution for an unlimited amount of cleaning tasks.

- Install in seconds – no mounting needed
- Requires minimal training, for faster and easy adoption
- Guaranteed measurements improve overall product performance

Code: 51075

DILUTION RATIO	TIP COLOUR
1:10	RED
1:20	TAN
1:40	ORANGE
1:64	DARK BLUE
1:80	AQUA
1:120	PURPLE
1:256	LIGHT PURPLE





Eco Easy Fill

Portable proportioning unit

Simply connect it to a water source and watch the Eco Easy Fill dilute and dispense on the go. With a number of different dilution rates available, this unit can take care of almost all your dilution needs without a heavy-duty wall-mounted system.

- Includes a convenient bucket clip to remove any back strain on the operator
- Colour-coded unit for clear identification of dilution rate
- Closed-loop system for spill-proof use

Code: Various

DILUTION RATIO	COLOUR	CODE	COMPATIBILITY
1:500	**PURPLE**	51090	M13, Quatromyicide V, Vangard 256
1:256	**GREY**	51069	M7, M9, Vangard 256, Excelsior, Oxy-Q
1:120	**GREEN**	51093	M11, Excelsior, Eco-Expert, Emerald, +
1:80	**BLUE**	51092	M8, Quat Plus, Vangard, Disappear, Oxy-Q, +
1:40	**YELLOW**	51091	M6, M12, HealthGuard, Oxy D.S.T., Bio-Bac II, Emerald, +
1:20	**BLACK**	51072	M1, M10, Oxy D.S.T., Bio-Bac II, Restore, Time-Out Plus, Oxy-Q, +
1:10	**WHITE**	51070	Azure, +



AccuMini

Proportioning system

A wall-mounted proportioning system with one of the smallest footprints available, perfect for tight spaces and multiple cleaning tasks. The AccuMini features AccuPro Technology for up to 95% accurate dilution, ensuring consistent results every time.

- Compact design saves space
- Reliable, modular, and durable
- Hands-free filling for productivity
- Tool-free maintenance

Code: HYD-AMI-LAB - 1 GPM AIRGAP
HYD-AMI-HAB - 3.5 GPM AIRGAP

WorldChem System

Proportioning system

The WorldChem sanitation dispensing system automatically dilutes and dispenses concentrated cleaning products in a foaming and/or spraying mode while providing the end user with full volume rinse.

Ideal for use in all heavy duty cleaning applications in food processing, restaurant and commercial kitchens, hospitals, abattoirs, dairies, vehicle washing and many more.
Hose and multi-function nozzle sold separately.



Code: H959

EnviroFlex

Proportioning system



The EnviroFlex Proportioner is easy to use and can be installed in just a few minutes. The new model has been redesigned with a sleek modern look. It now includes more accessories, including: 2 wall charts, the standard wall chart as well as the new Oxy-Q system wall chart printed on water resistant no tear paper; standard product labels as well as color coded Oxy-Q labels; the 5 Port Hose Bar for easy conversion to one product dilution; and two new tips: light grey and light purple.

- Consistently dispenses the precise amount of chemicals regardless of water pressure.
- Uses less space
- The system can be configured with 2 (1 GPM) + 2 (3.5 GPM), 3 (1 GPM) + 1 (3.5 GPM) or 4 (1 GPM) + 4 (3.5 GPM) allowing for product and application flexibility to customize the system to your needs



Code: HSP7983, HSP7984, HYD35771

DILUTION RATIO	TIP COLOUR		COMPATIBILITY
	1 GPM	3.5 GPM	
1:1	NO TIP	NO TIP	Fryer & Griddle, +
1:3	GREY	NO TIP	Expo, Formula-1, Green Kleen, +
1:4	BEIGE	GREY	Restore, Dynamite, Green Kleen, Magic, Organic, Power Kleen
1:5	RED	BLACK	Resolve, Champion, Power Kleen, +
1:10	TAN	BEIGE	Azure, +
1:15	GREEN	RED	Surface Kleen Plus, Time-Out Plus, Complex Orange, +
1:20	ORANGE	WHITE	Oxy D.S.T., Bio-Bac II, Restore, Time-Out Plus, Oxy-Q, +
1:30	YELLOW	LIME	Complex Orange, Dri-Foam, Dynamite, +
1:40	AQUA	GREEN	Oxy D.S.T., Bio-Bac II, Emerald, +
1:60	PURPLE	DARK BROWN	Power Lift, Power Wash,
1:64	PURPLE	ORANGE	Excelsior, HealthGuard, +
1:80	LIGHT GREY	DARK BLUE	Quat Plus, Vangard, Disappear, Oxy-Q, +
1:120	PINK	YELLOW	Excelsior, Eco-Expert, Emerald, +
1:128	PRECISION PINK	AQUA	Emerald, +
1:160	LIGHT PURPLE	PURPLE	Power Lift, Quatromyicide V, Triple Action, Bio-Bac Free, +
1:256	FUCHSIA	LIGHT GREY	Vangard 256, Excelsior, Oxy-Q
1:320	NO TIP	PINK	Neutralizer, +
1:500	PEACH	OLIVE	Quatromyicide V, Vangard 256



ModularFlex System

Proportioning system

Code: E-GAP - HSP9184
AIRGAP - HSP3578AG

BUY 1 | WE PLANT 1

Made in Canada. Restoring Canadian waters.

Every product in the ModularFlex line supports verified kelp restoration efforts along the coast of British Columbia. Together, we're helping rebuild marine ecosystems and support Indigenous-led restoration in the communities that call these waters home.

Format	Code
2 L	50980



M1 Restroom Cleaner

Scale, Mineral & Stain Cleaner

Suitable for toilet bowls, urinals and porcelain. It removes encrustations, scale and stains while keeping toilets bright, clean and smelling fresh.

Format	Code
2 L	50982



M6 Oxy-Q

Hydrogen Peroxide Based Disinfectant

Over 500 applications. 97% of cleaning needs addressed in one bottle. Non-toxic and safer than chlorine bleach. Cleans, degreases, deodorizes and disinfects.

Format	Code
2 L	50984



M7 Neutral Cleaner

Neutral Cleaner & Ice Melt Remover

Reduces slip and fall accidents by eliminating ice melt residue that attracts water. Removes damaging ice melt residue. Neutralizes alkaline residue for flawless floor finish application.

Format	Code
2 L	50986



M8 Glass Cleaner

Surface & Glass Cleaner

Suitable for mirrors, glass, porcelain, counters and stainless steel. Removes marks, stains, atmospheric grime and smoke haze. Good for sensitive surface cleaning.

Format	Code
2 L	50987

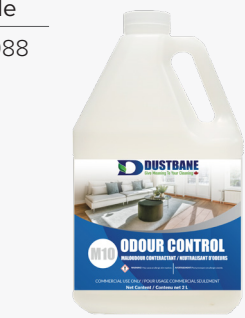


M9 Bio-Enzyme Cleaner

Bio-Based Cleaner, Degreaser & Deodorizer

A blend of surfactants and bio-cleaning agents that provides a revolutionary cleaning solution. Penetrates hard surfaces to remove organic soils in a safer and more efficient way.

Format	Code
2 L	50988



M10 Odour Control

Malodour Counteractant

Eliminates chemical smells commonly found in cleaning solutions. Can be used as an air freshener or an additive to your cleaning solution.

Format	Code
2 L	50990



M11 Degreaser

Hard Surface Cleaner & Degreaser

Cuts through grease, oil, and heavily soiled surfaces. Suitable for the food service and industrial settings. Solvent free, caustic free.

Format	Code
2 L	50991



M12 SC Floor Stripper

Super Concentrate Stripper

Fast-acting, low-foaming formula that removes multiple layers of floor finish in just 10 minutes. This super-concentrated floor stripper makes 8 pails of 20 L ready-to-use solution.

Format	Code
2 L	50992



M13 Neutral Floor Cleaner

Commercial Neutral Floor Cleaner

M13 is a highly concentrated commercial floor cleaner designed for daily hard surface cleaning and floor maintenance programs.

Format	Code
2 L	50985



Hydrofect EHP

Hydrogen Peroxide Disinfectant Cleaner

A concentrated disinfectant that delivers rapid 1-minute virucidal efficacy, including Norovirus, Rhinovirus, RSV, Influenza A, HIV, HBV, and HCV.

Format	Code
2 L	50981



Quatromyicide V

Disinfectant, No Rinse Sanitizer, and Deodorizer

Great solution for multi-touch surfaces responsible for cross contamination. No rinse food contact sanitizer when used at 200 ppm.

Format	Code
2 L	50994



Vangard 256

General Purpose Disinfectant Cleaner

A concentrated version of Vangard specifically formulated for the healthcare industry. Destroying a broad range of bacteria, viruses, fungi, and other microorganisms from hard surfaces.

Format	Code
2 L	50993



HealthGuard

One-Step Cleaner Disinfectant and Deodorant

This fast-acting disinfectant with enhanced cleaning powers is safe for all washable surfaces, making it ideal for an everyday, multi-use surface disinfectant.

DILUTION RATIO	TIP COLOUR		COMPATIBILITY
	1 GPM	3.5 GPM	
1:5	RED	BLACK	M1
1:10	TAN	BEIGE	M10
1:16	GREEN	RED	HealthGuard
1:20	ORANGE	WHITE	M1, M10, M12
1:30	YELLOW	LIME	M8, Hydrofect EHP
1:40	AQUA	GREEN	M1, M6, M11, M12, Vangard 256
1:64	PURPLE	ORANGE	HealthGuard
1:80	LIGHT GREY	DARK BLUE	M7, M8, M10, M12
1:120	PINK	YELLOW	M10
1:160	LIGHT PURPLE	PURPLE	M6, M7, M8, M9, M11, Quatromyicide V
1:256	FUCHSIA	LIGHT GREY	M6, M7, M9, M11, M13, Vangard 256
1:500	PEACH	OLIVE	M9, M13, Quatromyicide V, Vangard 256
1:800		FUCHSIA	M13



Satellite Sprayers

Proportioning system

Sprayer

Offers a mobile dispensing system at low-cost. It is a portable means of accurately diluting concentrated cleaning products for use in mop buckets, sinks, auto scrubbers, tanks and other containers.

Code: H5844



Foamer

The Satellite Foamer Sprayer transcends expectations by seamlessly blending the economy and adaptability of the Satellite series with the convenience of a multifunctional system. This innovative device is designed for versatile applications, including foaming, spraying, and rinsing, providing a comprehensive solution for all your cleaning needs.

Code: H5824



Ideal For Use With...

Format	Code	Qty
4 L	53761	4



Bio-Bac Free
Fragrance-Free Multi-Purpose Cleaner

Yielding multiple applications with simple dilutions, Bio-Bac Free offers the ideal cleaning solution for floors, windows, stainless steel, restroom surfaces, and even textiles, reducing your product inventory.

Format	Code	Qty
4 L	53762	4



Bio-Bac II
Bio-Based Cleaner, Degreaser and Deodorizer

A blend of surfactants and bio-cleaning agents that provides a revolutionary cleaning solution. Penetrates hard surfaces to remove organic soils in a safer and more efficient way.

Format	Code
4 L	51433
20 L	51435



Clearinse
Foaming Cleaner & Degreaser

Primarily designed for areas controlled and inspected by health and safety organizations (e.g. Meat, poultry, and fish processing plant). Can also be used in many other applications.

Format	Code
4 L	51359
20 L	51362
210 L	51363



Power Lift
Industrial Degreaser

An industrial grade degreaser highly effective to quickly remove grease, oil, dirt and grime. Offers a performance superior to solvent based cleaners while being safe on all metal and non-metal surfaces, including rubber.

Format	Code	Qty
4 L	50201	4



Quat Plus
Liquid Disinfectant

A disinfectant and germicidal detergent with the cleaning performance of a neutral quat that eliminates odours. Destroys a wide range of bacteria, fungi and viruses without the harsh smell of chemicals.

Format	Code	Qty
4 L	52898	4



Quatromyicide V
Disinfectant, No Rinse Sanitizer, and Deodorizer

A broad-spectrum disinfectant and sanitizer that has been formulated to aid in the reduction of cross-contamination on treated surfaces in areas of prime importance.

The ECOLOGO® Difference



Reduces Single-Use Plastics
Less is more! Super concentrates allow for reduced packaging and waste.



Safe Ingredients
No ammonia, no petroleum ingredients, no E-glycol ether, and biodegradable.



Look For This Symbol!
Products featuring our “Buy 1 | We Plant 1” logo plant a tree with each purchase.

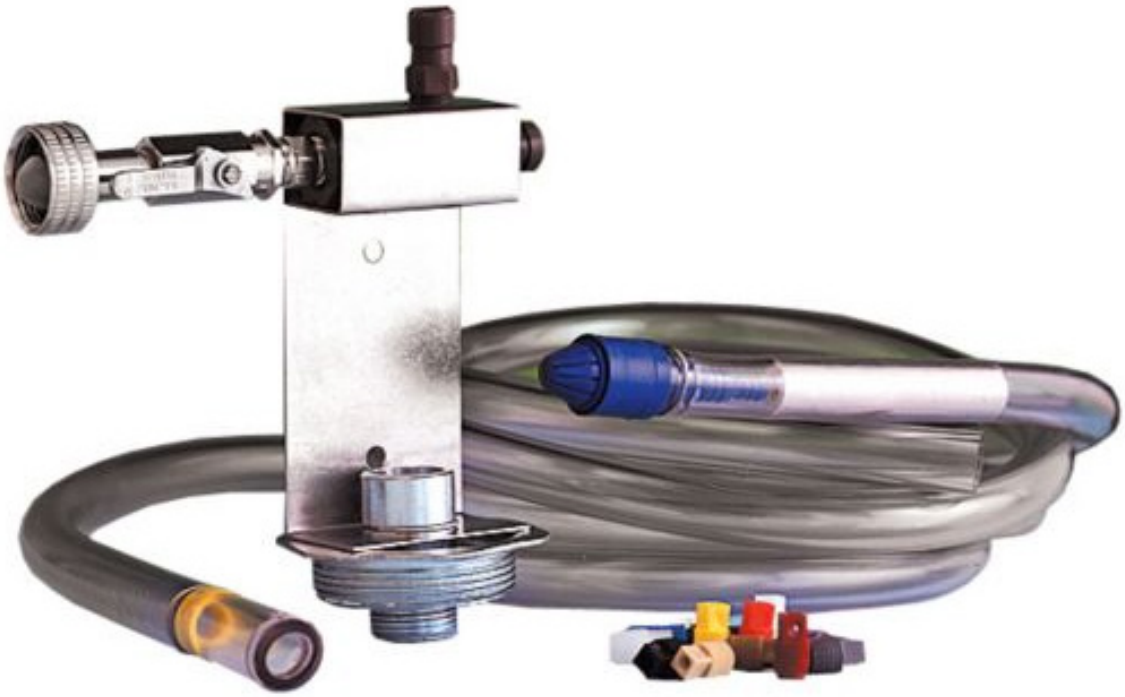
HydroMaster

Drum Proportioner

The HydroMaster is a state-of-the-art wall or drum-mounted system designed to provide efficient water distribution. With its Easily adjust flow rates and optimize water distribution for your products with unmatched accuracy.

- Wall-mounted or drum-mounted
- Works on any sized container
- Allows for up to 20% better dilution accuracy





Code: H206

Ideal For Use With...

Format	Code	Qty
4 L	50206	4
20 L	50208	1
210 L	50209	1



Emerald
Hard Surface Cleaner & Degreaser

Its safe yet powerful formula effectively cuts through grease, oil and heavily soiled surfaces. This biodegradable cleaner/degreaser is solvent free.

Format	Code	Qty
4 L	50211	4
20 L	50213	1



Excelsior
General Purpose Hard Surface Cleaner

Offers a cleaning solution with exceptional performance without the use of harsh chemicals. It offers superior cleaning efficiency therefore reducing labour.

Format	Code	Qty
4 L	50238	4
20 L	50239	1



Time-Out Plus
Floor Stripper

Time-Out Plus' innovative formula is powerful yet environmentally friendly. It cuts through layers of floor finish and sealers quickly and efficiently, with no fumes or odours.

Format	Code
5 L	53209
20 L	50142
210 L	53211



Resolve
Cleaner & Degreaser

An A.P.E. and butyl-free cleaner and degreaser recommended for use on any washable surface where dirt, grease and oily residue become a problem.

Format	Code
4 L	51369
210 L	51371



Power Wash
Pressure Wash Concentrate

An effective cleaner and degreaser designed for the truck and transportation industry, that works quickly with minimal effort. Its foaming formula allows for a prolonged dwell time to loosen dirt, grease and oil.

Format	Code
4 L	51359
20 L	51362
210 L	51363



Power Lift
Industrial Degreaser

An industrial grade degreaser highly effective to quickly remove grease, oil, dirt and grime. Offers a performance superior to solvent based cleaners while being safe on all metal and non-metal surfaces, including rubber.

Format	Code
5 L	51440
20 L	51349
210 L	51350



Triple Action
Cleaner, Degreaser & Disinfectant

Triple Action cleans, degreases, and disinfects. Reduce your inventory while simplifying your purchasing decision and maintenance program with this 3-in-1 cleaning solution.

Format	Code
5 L	51338
20 L	51339
210 L	51340



Surface Kleen Plus
Cleaner & Degreaser

A highly effective all-purpose cleaner and degreaser, specifically formulated for food industry. Its safe yet powerful formula easily cuts through grease, oil and soils.

Format	Code	Qty
4 L	52012	4
20 L	52013	1
210 L	52006	1



Champion ★★★
Powerful Super Stripper

Champion's innovative formula effectively penetrates and power strips floor finish and sealer quickly and efficiently with minimal effort.



HydroPump

Push-Pump Chemical Dispenser

The HydroPump is an innovative push pump designed specifically for dispensing cleaning chemicals into sinks, buckets, or other cleaning containers. Unlike traditional methods, the HydroPump doesn't require a water hook-up. It ensures precise dosing of both viscous and non-viscous cleaning solutions, offering exceptional accuracy. Choose between a directional spout or standard tubing for the discharge, giving you versatile options to meet your needs effectively.

- No water hook-up required
- Use to dilute any of your cleaning chemicals



Code: H616

DUSTBANE
Give Meaning To Your Cleaning

Dilution Chart

Use this chart to determine the chemical to water ratio. The smaller number is the parts of chemical, while the large number is the parts of water.

DILUTION RATIO	COLOUR		OZ / CAD GAL	ML / L	OZ / US GAL
	1 GPM	3.5 GPM			
1:1	NO TIP	NO TIP	160	1000	128
1:3	GREY	NO TIP	54	333	43
1:4	BEIGE	GREY	40	250	32
1:5	RED	BLACK	32	200	26
1:10	TAN	BEIGE	16	100	13
1:15	GREEN	RED	11	67	9
1:20	ORANGE	WHITE	8	50	7
1:30	YELLOW	LIME	6	34	5
1:40	AQUA	GREEN	4	25	4
1:60	PURPLE	DARK BROWN	2.7	17	2
1:64	PURPLE	ORANGE	2.5	16	2
1:80	LIGHT GREY	DARK BLUE	2	12.5	1.6
1:120	PINK	YELLOW	1.35	8.5	1.2
1:128	PRECISION PINK	AQUA	1.25	8	1
1:160	LIGHT PURPLE	PURPLE	1	6.25	0.8
1:256	FUCHSIA	LIGHT GREY	0.63	4	0.5
1:320	NO TIP	PINK	0.5	3.25	0.4
1:500	PEACH	OLIVE	0.32	2	0.3
1:1600	NO TIP	PEACH			

**Water thin products: 40 psi*

CONVERSION CHART:

1 US gal	=	128 oz
1 qt.	=	32 oz
1 pt.	=	16 oz
1 cup	=	8 oz
1 oz	=	1/8 cup
2 cups	=	1 pt.
2 pt.	=	1 qt.
4 qt.	=	1 gal

EQUIVALENCE:

1 CAD gal	= 4.55 L	1.25 US gal
1 US gal	= 3.78 L	0.8 CAD gal
1 L	= 0.22 CAD gal	0.26 US gal

DISPENSING PUMP:

1 pump with clip	=	15 mL
1 pump without clip	=	30 mL
15 mL	=	0.5 oz
30 mL	=	1.0 oz

Cost In Use:

An important factor to consider when purchasing a product is the cost in use. Comparing the litre's prices is not a good indication of the final price paid. The formula to obtain the cost in use is as follows:

Unit Price / Unit Size = Price Per Litre

Price Per Litre / Sum of Parts from Dilution = Cost in Use (Per Litre)

Disinfection

Dilution	Price	Format
1:20	$27.00	4 L

$27.00 / 4 L = $6.75
$6.75 / (1+20) = **$0.32 per litre**

Cleaning

Dilution	Price	Format
1:80	$27.00	4 L

$27.00 / 4 L = $6.75
$6.75 / (1+80) = **$0.08 per litre**



DUSTBANE
Give Meaning To Your Cleaning

Vision

To be the most loved and trusted name in Canadian cleaning, by making it easy for every customer to protect people, the environment, and give something back with every clean.



OBSESSED WITH OUR CUSTOMERS' SUCCESS.

We focus on delivering real results and on making the experience delightful.



DEEP RESPECT. TRUE BELONGING.

We treat everyone with dignity, listen to understand and celebrate different ideas and voices.



ALWAYS LEARNING, ALWAYS IMPROVING.

We stay curious, keep building ourselves and use feedback to make life better.



KEEPING OUR WORD.

We do what we say we will do. Period.



ACTS OF KINDNESS, EVERY DAY.

We look for everyday ways to do right by our people, our community, and our planet.



TOGETHER, WE'RE STRONGER.

We create a community where people feel connected, supported and part of something bigger.

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