

Modular Flex System

5 FOR 500



**Five Products for over 500 Applications,
Working Together to Reduce your
Cleaning Footprint**

5 for 500

Modular Super Concentrates

Our simplest, most economical cleaning system!

Why should you choose our Modular Super Concentrates for your cleaning needs?

At Dustbane, we administer our business in a responsible manner with a goal to protect our environment and the health and safety of our employees, our customers and the general public. We have developed a new Modular Super Concentrates system that is faithful to our commitment to the environment and to our clients. Combined with the new Eco Eight Flex System, these products offer versatile chemical dispensing, as well as reduce the cleaning footprint. Our customers usually look for simple, efficient, economical and environmentally friendly products, the perfect description of our Modular Super Concentrates.

These five products have many uses including, cleaning washrooms, kitchens, restaurants, dumpsters, carpet, glass, health care facilities and food plants. They disinfect, inhibit growth of mold and mildew, degrease, clean, sanitize and deodorize. The possibilities with these products are practically limitless, making it an ideal choice for your cleaning needs. **5 for 500!**



OXY D.S.T. M1

Certified General Purpose Hard Surface Cleaners CCD-146. Combines the powerful cleaning and degreasing properties of Dustbane's Dynamic Surfactant Technology with the amazing stain lifting power of Oxygen Bleach.

Directions	Dilution	1 GPM	3.5 GPM
Foaming Trigger Sprayer	1:40	Aqua	N/A
Medium Soil	1:320	N/A	Pink
Heavy Soil	1:80	Light Grey	Brown
Carpet Spotter	1:160	N/A	Purple

Code: 53764

Environmentally Friendly!

Our new Super Concentrates are all biodegradable, phosphate free, A.P.E. free and VOC free. Furthermore, with their high concentration and flexibility, they will require less packaging and storage space.

Simple!

We have a wide variety of Modular Super Concentrates for cleaning flexibility. You will be able to reduce your inventory by simply using our concentrates and diluting them at the rate that corresponds to your needs.

BIO-BAC M2

Certified Biologically Based Cleaner and Degreaser CCD-110. The continued use of BIO-BAC M2 provides a safe and efficient way to maintain clean, sanitary and odour free surfaces. The "people friendly" bacteria keep on working long after BIO-BAC M2's initial application.

Directions	Dilution	1 GPM	3.5 GPM
Odour control	1:240	Light Purple	Light Grey
Light Soil	1:160	N/A	Purple
Medium Soil	1:80	Light Grey	Brown
Heavy Soil	1:40	Aqua	Green



Code: 53763

EcoLogo Certified!

The EcoLogo appears on all of our environmental CCD approved products and helps to quickly and easily identify what products are ecological.

It is recognized world-wide and is North America's largest, most respected environmental standard and certification mark. EcoLogo provides assurance that the products bearing the logo meet stringent standards of environmental leadership.



AZURE M3

Certified Window and Glass Cleaner CCD-146A. For use on mirrors, glass, porcelain, and counters. A versatile cleaner that is fast drying and non streaking that can also be used for surface cleaning.

Directions	Dilution	1 GPM	3.5 GPM
Regular Duty	1:150	Pink	Aqua
Heavy Duty	1:60	Purple	Orange

Code: 50199

Effective!

By using our Modular Super Concentrates, you will increase your productivity, which will result in labour savings. Our concentrates are compatible with each other, assuring security and efficiency when they are used with our new proportioning systems.

Economical!

Cost is always important! As always, Dustbane offers competitive concentrate pricing and a willingness to work with our customers to provide them the products that suit their needs at a price that is fair.



EMERALD M4

Certified Hard Surface Cleaner and Degreaser CCD-146E. Spray and wipe cleaner degreaser. For use on desks, tables, walls and counters, any surface not harmed by water. A versatile cleaner with a buffered pH that ensures cleaning efficiency during the entire cleaning task.

Directions	Dilution	1 GPM	3.5 GPM
Degreaser	1:160	Pink	Aqua
Light Duty	1:120	N/A	Yellow
Regular Duty	1:40	Aqua	Green
Heavy Duty	1:20	Orange	White
Neutral Floor Cleaning Applications			
Light	1:256	Light Purple	Light Grey
Normal	1:160	N/A	Purple
Heavy Duty	1:120	Pink	Aqua

Code: 50205

QUAT PLUS M5

Certified Disinfectant Cleaner CCD-166. Spray and wipe cleaner for surfaces that require disinfection: washrooms, kitchens, door knobs, light switches and other contact surfaces. Effectively destroys a broad range of bacteria, fungi and viruses including: Pseudomonas aeruginosa, Salmonella choleraesuis, Staphylococcus aureus, HIV-1 and Trichophyton mentagrophytes.

Directions	Dilution	1 GPM	3.5 GPM
Heavy Cleaning	1:40	Aqua	Green
All Purpose	1:128	Pink	Aqua
Regular Cleaning / Automatic Scrubber	1:256	Light Purple	Light Grey
Disinfection	1:128	Pink	Aqua



Code: 50236

*Tip selection: approximate dilutions at 40 PSI for water-thin products (1.0 CP)

How to dispense the Modular Super Concentrates

1 The Eco Eight Flex System

This new system can easily be set up in a small area, creating a safe and clean working environment.

2 Modular Rite Connect

This system can be used anywhere you have a water source to dilute your cleaning products.

3 Enviromix Proportioner

Your current Enviromix Proportioner can easily be converted to a safer, cleaner system using the Rite Connect Cap.

4 Enviroflex Proportioner

This flexible dilution system can be customized to your cleaning needs.

The Modular Rite Connect Insert

An ecological and safe closed loop system!

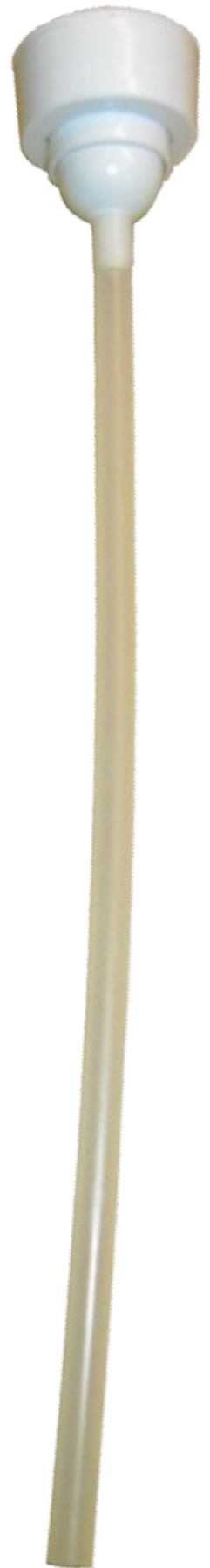
The closed loop Rite Connect system assures that you will never come in contact with the chemical concentrate. It was designed to simplify work and eliminate spills that can be dangerous to the user. With the elimination of spills, this prevents chemical loss and promotes a cost effective use of our products.

The closed loop Rite Connect system is made of two parts, the straw and the cap. The straw is inserted into the bottle, under the cap to form an air tight seal that eliminates leakage. The cap is screwed on to the bottle to allow the user to distribute the product without worries of spills or leaks. The system is compatible with all the modular products and can be used with the Modulare Rite Connect distribution system as well as the Enviromix Proportioner.

The system:

- Eliminates chemical contact
- Is spill resistant
- Is cost effective
- Secures chemical containers for safe and easy shipping
- Incorporates a self-venting valve
- Prevents leaks, spills and chemical loss

All of our new Modular Super Concentrates 2 L bottles come with the Rite Connect already inserted, ensuring that the user doesn't come in contact with the chemical in the bottle.



1 Eco Eight Flex System

What's in a name?

When it's the Dustbane Eco Eight Flex System, the name says it all. The Eco Eight Flex System delivers the flexibility to dispense multiple products and provides the flexibility to configure the system as it works best for your application. Utilizing AccuPro Pressure Regulation Technology, the Eco Eight Flex System ensures accurate dilution regardless of water pressure, allowing for optimal product performance!

One System, Countless Possibilities

Do you need your concentrate cabinets on one side of the dispenser or the other? Or mounted higher or lower? No problem! Dustbane's new "pop & latch" mounting bracket allows you to place the chemical concentrate cabinet where it fits best. Concentrate cabinets are available for 2 litre, 'F' style bottles.

Reduce your Cleaning Footprint

Most dispensing systems take up too much room, wasting precious working and storage space. With tubes, wires, buckets and wall brackets, the systems become cumbersome. Our new Eco Eight Flex System is compact and secure, taking up minimal wall space and keeping the area clean and safe for users. With built-in locking chemical cabinets they also give peace of mind, knowing that chemicals are safe.

What's included with the Eco Eight Flex System Code: HSP7890

- 6 foot Enviro Hose (51049)
- Customized tip kit: Yellow 2, Brown 2, Tan 1, Beige 2, Black 1, Light Grey 4, Green 2, Orange 2, Purple 3, Pink 4, Aqua 5, White 1, Light Purple 2, Clear 2.

Sold Separately:

Eco Eight Lockable Cabinet Code: H90091620 (sold individually)

AccuPro Technology

This system consistently dispenses precise amounts of chemicals regardless of water pressure, an operational ability that is ideal in instances where water pressure is high and more water is flowing through the system. In most facilities, water pressure fluctuates throughout the day. As water pressure rises, traditional proportioning devices reach their maximum vacuum generation, and beyond that, no additional chemical can be drawn into the solution, resulting in inaccurate dilution and poor chemical performance.



2 The Modular Rite Connect dispensing system

The Modular Rite Connect dispensing system is economical and portable. It allows you to accurately dilute concentrated cleaning products for use in mop buckets, sinks, auto scrubbers, tanks and other containers. The system, in combination with the Rite Connect Insert, allows for safe and easy use. The modular products are all compatible with this system.

Economical

The Modular Rite Connect system was designed for easy chemical management. There is no product loss with leaks and spills and it's very easy to operate, so no lost work time for the user.

Mobile

The system can easily be transported to any location. You don't need to attach it to a wall or buy a cart. It goes anywhere you can find water and carry your chemical container.



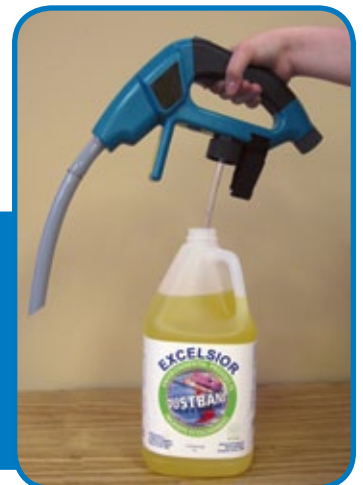
The Modular Rite Connect Portable is ideal for our 2 L Modular Super Concentrates. Diluting and dispensing products for simple and effective cleaning experience.

Code: Modular Rite Connect Portable – H5845



The Modular Rite Connect Foamer is also ideal for our Modular Super Concentrates that require foaming such as OXY D.S.T. M1, allowing the user to dispense the product with one simple movement.

Code: Modular Rite Connect Foamer – H5825



The hand held Satellite dispensing system

This dispensing system has the same functions as the Modular Rite Connect system however it's for use with our 4L and 5L jugs, making them easy to use portable cleaning systems.

Code: Satellite Portable 3.5 GPM – H5844

Code: Satellite Foamer 3.5 GPM – H5824

Convert your

3 Enviromix Proportioner



If you already have an Enviromix Proportioner, you can easily convert it to become a no chemical contact system to use with our 2 L Modular Super Concentrates.

1

Remove the ceramic weight.

Carefully remove the ceramic weight that holds the tube in place from the chemical container

2

Ensure that the check valve is approximately 6 inches from cap.

Insert tube into cap.



3

Screw the Rite Connect Cap to the bottle.

The Rite Connect Cap creates an air-tight seal when it's on the bottle, allowing the user to never come into contact with the chemicals.

Code: H10094107



The New

4 Enviroflex Proportioner

The new Enviroflex Proportioner is a flexible easy-to-install system that can be used in conjunction with the Eco Eight Lockable cabinets or as a free standing unit, much like the current Enviromix Proportioner.

Select Valve Technology

With the select valve technology, cleaning and sanitizing chemicals are correctly dispensed every time, effectively and consistently, ensuring optimal cleaning performance.

The system can be configured with 2 (1 gpm) + 2 (4 gpm) or 3 (1 gpm) + 1 (4 gpm), allowing for product and application flexibility and allowing you to customize the system to your needs.


Code: HSP7983 (3+1)

Code: HSP7984 (2+2)




Wall Chart

Dustbane has developed a comprehensive wall chart to help users better understand the Modular Super Concentrates and their applications.

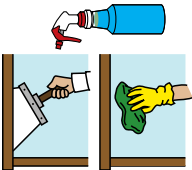






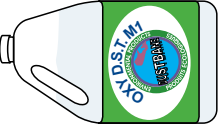

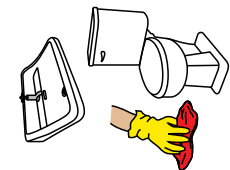

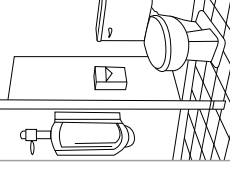


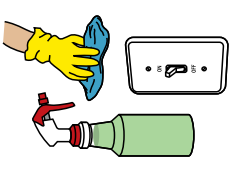



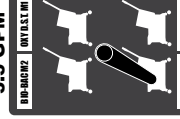


Dustbane
Since 1908

Eco Eight Flex System



EcoLogo

	<p>Window and Glass Cleaner For use on mirrors, glass, porcelain, and counters.</p>		<p>Nettoyant pour fenêtres et verres Pour utilisation sur les miroirs, vitres, porcelaines et comptoirs.</p>	<p>Agents de nettoyage et dégraissage à base biologique Pour utilisation avec vadrouilles et seaux deaux dans les salles de rechange, les vestiaires, les salles à ordures, sous les urinoirs. Sécuritaire pour les usines alimentaires</p>		<p>High Flow 3.5 GPM</p> 	<p>Biologically Based Cleaner and Degreaser For use with mop and bucket in locker rooms, garbage rooms, under urinals. Food safe.</p>		<p>Hard Surface and Bathroom Cleaner Spray and wipe cleaner for showers, on pool decks or for general purpose carpet spotting.</p>		<p>Nettoyant de surfaces et salles de bain Pour utilisation dans les salles de bains, douches, sur les plate-formes à piscine ou pour une petite surface de tapis.</p>	<p>Nettoyant de surfaces et salles de bain Pour utilisation avec vadrouilles et seaux d'aux dans les salles de bains, douches, sur les plate-formes à piscine ou pour une petite surface de tapis.</p>		<p>Hard Surface and Bathroom Cleaner For use with mop and bucket in showers, on pool decks or for general purpose carpet spotting.</p>		<p>High Flow 3.5 GPM</p> 		<p>Disinfectant Cleaner Spray and wipe cleaner for surfaces that require disinfection: washrooms, kitchens, door knobs, light switches and other contact surfaces.</p>		<p>Nettoyant désinfectant Nettoyant pour les surfaces qui nécessitent de désinfection: salles de bains, cuisines, poignées de porte, interrupteur de lumières et autres surfaces de contact.</p>	<p>Nettoyant désinfectant Nettoyant pour les surfaces qui nécessitent de désinfection: salles de bains, cuisines, poignées de porte, interrupteur de lumières et autres surfaces de contact.</p>		<p>Disinfectant Cleaner Spray and wipe cleaner for surfaces that require disinfection: washrooms, kitchens, door knobs, light switches and other contact surfaces.</p>		<p>High Flow 3.5 GPM</p> 		<p>Hard Surface Cleaner and Degreaser Spray and wipe cleaner degreaser. For use on desks, tables, walls and counters, any surface not harmed by water.</p>		<p>Nettoyant de surfaces dures et dégraissants Nettoyant dégraissant. Pour utilisation sur les bureaux, tables, murs et comptoirs, tous surfaces qui ne sont pas abimer par l'eau.</p>	<p>Nettoyant de surfaces dures et dégraissants Nettoyant dégraissant. Pour utilisation sur les bureaux, tables, murs et comptoirs, tous surfaces qui ne sont pas abimer par l'eau.</p>		<p>Hard Surface Cleaner and Degreaser Spray and wipe cleaner degreaser. For use on desks, tables, walls and counters, any surface not harmed by water.</p>		<p>High Flow 3.5 GPM</p> 
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Note: For complete product information, please consult the MSDS sheet.
www.dustbane.ca

Note: Pour l'information complète des produits, s'il vous plaît consulter la fiche signalétique.
www.dustbane.ca



MATERIAL SAFETY DATA SHEET (MSDS)

Oxy D.S.T. M1

Foaming Cleaner, Descaler and Deodorizer

Non-Acid Cleaners



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Oxy D.S.T. M1		Foaming Cleaner		D2B	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
Hydrogen Peroxide		7722-84-1	10-30	LD ₅₀ ORAL (RAT) 1100 mg/kg	
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear colourless liquid	Scented	4.5	100 °C	1.0	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): None			Extinguishing media: Not Applicable		
Special fire fighting procedures: None					
Unusual fire and explosion hazards: None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 2 Flammability = 0 Reactivity = 0					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: May cause irritation.					
Inhalation: Irritant					
Skin Absorption: No effect expected					
Skin Contact: Will cause burns.					
Eye Contact: Will cause burns.					
Special Warning: None					
SECTION VI ▶ FIRST AID MEASURES					
Ingestion: Drink 3-4 glasses of milk or water. Call a physician immediately.					
Inhalation: Remove to fresh air. Call a physician					
Skin: Flush with water for 15 minutes. If irritation persists, call a physician.					
Eyes: Flush with water for at least 15 minutes. If irritation persists, call a physician.					
SECTION VII ▶ REACTIVITY DATA					
Stable: Yes					
Conditions to avoid: None					
Incompatibility with other materials: Oxidizers, Reducing Agents, Acids.					
Hazardous decomposition products: None					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: made of neoprene, rubber, polyvinyl chloride, Viton or nitrile.					
Eye protection: Safety glasses with side shields.					
Ventilation: General					
Respiratory protection: None					
Other protective equipment: In case of spills, wear chemical resistant apron and boots.					
Steps to be taken in case material is released or spilled: Mop up spillage. Rinse spill area with water and allow to dry.					
Waste disposal method: Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
Precautions to be taken in handling and storage: Normal handling processes. Inside storage at 4-40 °C recommended.					
Other precautions: Follow label use instructions.					
UN: Not Applicable		TDG Class: None		Packing Group: Not Applicable	
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
Prepared by: D.R. Dunlop			Last updated: March 3, 2010		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Oxy D.S.T. M1

Foaming Cleaner, Descaler and Deodorizer

“An Environmental Choice Certified Product. Combines the powerful cleaning and degreasing properties of Dustbane’s Dynamic Surfactant Technology with the amazing stain lifting power of Oxygen Bleach.”

FEATURES AND BENEFITS

Environmentally Friendly: Hydrogen peroxide based. OXY D.S.T. M1 conforms to Environmental Choice standard CCD-146 “General Purpose Hard Surface Cleaners”.

High Foam Formula: Gives excellent clinging properties.

D.S.T. Surfactant: Excellent cleaning, readily biodegradable.

Spill-Resistant Protection: Prevents leaks, prevents accidental spillage, ensures employee safety, prevents chemical waste, enhances use of dispensing system.

WHERE TO USE

OXY D.S.T. M1 is designed for use where soils, stains and odors are a problem. It is especially useful in a washroom environment on tile and grout, fixtures, toilets, urinals, shower stalls, tubs and sinks, hard surface spray and wipe applications, food plants, carpet care. When used in foamer applications, the rich, clinging foam stays where you need it, maximizing contact time and ensuring amazing results.

HOW TO USE

Apply OXY D.S.T. with a foaming sprayer, sponge, mop or cloth according to the following use-dilution rates:

Foaming Trigger Sprayer	1:40
Medium Soil	1:320
Heavy Soil	1:80
Carpet Spotter	1:160

SPECIFICATIONS

Appearance: Clear colourless liquid

Fragrance: Scented

pH (conc.): 4.5

Solvent: None

Phosphate: None

WHMIS: Yes

TDG: No

CFIA Approval: Yes



MATERIAL SAFETY DATA SHEET (MSDS)

Bio-Bac M2

Bio-Based Cleaner, Degreaser & Deodorizer

Non-Acid Cleaners



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Bio-Bac M2		Bacillus Based Cleaner, Degreaser & Deodorizer		Not Applicable	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
Not Applicable					
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Hazy colourless liquid	Scented	7.5	100 °C	1.0	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): None			Extinguishing media: Not Applicable		
Special fire fighting procedures: None					
Unusual fire and explosion hazards: None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 1 Flammability = 0 Reactivity = 0					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: Slightly Toxic.					
Inhalation: Not Applicable					
Skin Absorption: Not Applicable					
Skin Contact: May cause slight irritation.					
Eye Contact: May cause slight irritation.					
Special Warning: None					
SECTION VI ▶ FIRST AID MEASURES					
Ingestion: Drink 3-4 glasses of milk or water. If irritation persists, call a physician.					
Inhalation: Not Applicable					
Skin: Flush with water.					
Eyes: Flush with water. If irritation persists, call a physician.					
SECTION VII ▶ REACTIVITY DATA					
Stable: Yes					
Conditions to avoid: None					
Incompatibility with other materials: None					
Hazardous decomposition products: None					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: No					
Eye protection: No					
Ventilation: General					
Respiratory protection: None					
Other protective equipment: None					
Steps to be taken in case material is released or spilled: Mop up spillage. Rinse spill area with water and allow to dry.					
Waste disposal method: Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
Precautions to be taken in handling and storage: Normal handling processes. Inside storage at 4-40 °C recommended.					
Other precautions: Follow label use instructions.					
UN: Not Applicable		TDG Class: None		Packing Group: Not Applicable	
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
Prepared by: D.R. Dunlop			Last updated: March 3, 2010		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Bio-Bac M2

Bio-Based Cleaner, Degreaser & Deodorizer

"An Environmental Choice Certified Product. Continued use of BIO-BAC M2 provides a safe and efficient way to maintain clean, sanitary and odour free surfaces. The "people friendly" bacteria keep on working long after BIO-BAC M2's initial application."

FEATURES AND BENEFITS

Environmentally Friendly: D.S.T. based surfactant, readily biodegradable. BIO-BAC M2 conforms to Environmental Choice standard CCD-110 "Cleaning and Degreasing Compounds: Biologically Based"

Bacillus based: Continues to work after initial application.

Deodorizes: Destroys odours at their source.

Spill-Resistant Protection: Prevents leaks, prevents accidental spillage, ensures employee safety, prevents chemical waste, enhances use of dispensing system.

WHERE TO USE

Use BIO-BAC M2 on any hard surface where organic soils accumulate including kitchens, restaurants, washrooms, drains, dumpsters, garbage pails, carpet stains etc.

HOW TO USE

Gently shake before using. Mix BIO-BAC with potable water according to the following dilution rates:

Odour Control	1:240
Light Soil	1:160
Medium Soil	1:80
Heavy Soil	1:40
Carpet Spotter	1:160
Parts Cleaning	1:80-1:160

Note: This product can be diluted in many different configurations and will deliver superior cleaning results.

SPECIFICATIONS

Appearance: Hazy colourless liquid

Fragrance: Scented

pH (conc.): 7.5

Solvent: None

Phosphate: None

WHMIS: No

TDG: No

CFIA Approval: Yes



MATERIAL SAFETY DATA SHEET (MSDS)

Azure M3 Window and Glass Cleaner

Specialty Cleaners



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Azure M3		Liquid Glass Cleaner		Not Applicable	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
Not Applicable					
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear blue liquid	Unscented	10.5	100 °C	1.0	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): None			Extinguishing media: Not Applicable		
Special fire fighting procedures: None					
Unusual fire and explosion hazards: None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 1 Flammability = 0 Reactivity = 0					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: Slightly Toxic					
Inhalation: Not applicable					
Skin Absorption: Not Applicable					
Skin Contact: May cause slight irritation					
Eye Contact: May cause slight irritation					
Special Warning: None					
SECTION VI ▶ FIRST AID MEASURES					
Ingestion: Drink 3-4 glasses of milk or water. Call a physician.					
Inhalation: Not Applicable					
Skin: Flush with water.					
Eyes: Flush with water. If irritation persists, call a physician.					
SECTION VII ▶ REACTIVITY DATA					
Stable: Yes					
Conditions to avoid: None					
Incompatibility with other materials: None					
Hazardous decomposition products: None					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: None					
Eye protection: None					
Ventilation: General					
Respiratory protection: None					
Other protective equipment: None					
Steps to be taken in case material is released or spilled: Mop up spillage. Rinse spill area with water and allow to dry.					
Waste disposal method: Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
Precautions to be taken in handling and storage: Normal handling processes. Inside storage at 4-40 °C recommended.					
Other precautions: Follow label use instructions.					
UN: Not Applicable		TDG Class: None		Packing Group: Not Applicable	
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Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Azure M3

Window and Glass Cleaner

"An Environmental Choice Certified Product."

FEATURES AND BENEFITS

Environmentally Responsible : Contains no VOC's, solvents, ammonia or APE's.

Versatile: Effective on automotive glass, windows and mirrors.

Synthetic Surfactant: Unaffected by hard water.

Fast Drying & Non Streaking: Reduced labour requirement.

Spill-Resistant Protection: Prevents leaks, prevents accidental spillage, ensures employee safety, prevents chemical waste, enhances use of dispensing system.

WHERE TO USE

Use on all glass surfaces.

HOW TO USE

Recommended Dilution Rates:

Normal Cleaning 1:150

Heavy Duty Cleaning 1:60

Note: Adjust rates to suit your cleaning needs. Over-use will adversely affect fast dry, streak free properties. Azure M3 conforms to Environmental Choice CCD-146A "Window and Glass Cleaner".

Recommended for use with a squeegee. If not available, then apply evenly on surface to be cleaned and wipe off with lint free cloth or paper towel.

SPECIFICATIONS

Appearance: Clear blue liquid

Fragrance: Unscented

Viscosity: As water

pH (conc.): 10.5

VOC: None

Ammonia: None

Solvent: None

Phosphate: None

WHMIS: No

TDG: No

CFIA Approval: Yes



MATERIAL SAFETY DATA SHEET (MSDS)

Emerald M4

Hard Surface Cleaner and Degreaser

Degreasers



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Emerald M4		Liquid Detergent		Not applicable	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
Not Applicable					
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear green liquid	Unscented	10.5	100 °C	1.0	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): None			Extinguishing media: Not Applicable		
Special fire fighting procedures: None					
Unusual fire and explosion hazards: None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 1 Flammability = 0 Reactivity = 0					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: Slightly Toxic					
Inhalation: Not applicable					
Skin Absorption: Not Applicable					
Skin Contact: May cause slight irritation					
Eye Contact: May cause slight irritation					
Special Warning: None					
SECTION VI ▶ FIRST AID MEASURES					
Ingestion: Drink 3-4 glasses of milk or water. Call a physician.					
Inhalation: Not Applicable					
Skin: Flush with water.					
Eyes: Flush with water. If irritation persists, call a physician.					
SECTION VII ▶ REACTIVITY DATA					
Stable: Yes					
Conditions to avoid: None					
Incompatibility with other materials: None					
Hazardous decomposition products: None					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: None					
Eye protection: None					
Ventilation: General					
Respiratory protection: None					
Other protective equipment: None					
Steps to be taken in case material is released or spilled: Mop up spillage. Rinse spill area with water and allow to dry.					
Waste disposal method: Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
Precautions to be taken in handling and storage: Normal handling processes. Inside storage at 4-40 °C recommended.					
Other precautions: Follow label use instructions.					
UN: Not Applicable		TDG Class: None		Packing Group: Not Applicable	
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
Prepared by: D.R. Dunlop			Last updated: March 3, 2010		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Emerald M4

Hard Surface Cleaner and Degreaser

"An Environmental Choice Certified Product."

FEATURES AND BENEFITS

Environmentally Responsible : Emerald M4 conforms to Environmental Choice CCD-146E "Degreasers".

Buffered pH: Ensures cleaning efficiency during entire cleaning task.

Versatile: Can be mopped on or used with automatic scrubbers.

Synthetic Surfactant: Unaffected by hard water, excellent wetting, moderate foam.

Economical: Effective when diluted.

Spill-Resistant Protection: Prevents leaks, prevents accidental spillage, ensures employee safety, prevents chemical waste, enhances use of dispensing system.

WHERE TO USE

Excellent for floors, painted walls, woodwork, ceramic tile or metal.

HOW TO USE

Recommended Dilution Rates:

Degreaser	1:160
Light Duty	1:120
Regular Duty	1:40
Heavy Duty	1:20

Neutral Floor Cleaning application:

Light	1:256
Normal	1:160
Heavy Duty	1:120

Note: Adjust rates to suit your cleaning needs. Emerald M4 conforms to Environmental Choice CCD-146E "Degreasers".

Works effectively in either warm or cold water. Use cool water for most cleaning and warm water for heavy cleaning or to speed the cleaning process.

SPECIFICATIONS

Appearance: Clear green liquid

Fragrance: Unscented

Viscosity: As water

pH (conc.): 10.5

APE: None

VOC: None

Solvent: None

Phosphate: None

WHMIS: No

TDG: No

CFIA Approval: Yes



MATERIAL SAFETY DATA SHEET (MSDS)

Quat Plus M5

Liquid Disinfectant

Effective against influenza A (H1N1)

Germicides



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name Quat Plus M5		Product Type Liquid Disinfectant		WHMIS Classification Exempt	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name N,N-DIALKYL-N,N-dimethyl ammonium chloride		Cas Registry No. 68424-95-3	% 5-10	Toxicity LD ₅₀ ORAL (RAT) 455 mg/kg	
SECTION III ▶ PHYSICAL DATA					
Appearance Clear colourless liquid	Odour Unscented	pH 10.5	Boiling Point 100 °C	Specific Gravity 1.0	Solubility in Water 100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): None			Extinguishing media: Not Applicable		
Special fire fighting procedures: None					
Unusual fire and explosion hazards: None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 2 Flammability = 0 Reactivity = 0					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: Slightly Toxic					
Inhalation: Not Applicable					
Skin Absorption: Unknown					
Skin Contact: Irritant					
Eye Contact: Irritant					
Special Warning: None					
SECTION VI ▶ FIRST AID MEASURES					
Ingestion: Promptly drink large quantities of milk, egg whites, gelatin or water. Avoid alcohol. Call a physician immediately.					
Inhalation: Not Applicable					
Skin: Flush thoroughly with water for at least 15 minutes. Remove and wash contaminated clothing.					
Eyes: Flush thoroughly with water for at least 15 minutes. Call a physician.					
SECTION VII ▶ REACTIVITY DATA					
Stable: Yes					
Conditions to avoid: None					
Incompatibility with other materials: None					
Hazardous decomposition products: None					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: Gloves made of neoprene, rubber, polyvinyl chloride, Viton or nitrile.					
Eye protection: Safety glasses with side shields.					
Ventilation: General					
Respiratory protection: None					
Other protective equipment: In case of spills, wear chemical resistant apron and boots.					
Steps to be taken in case material is released or spilled: Mop up spillage. Rinse spill area with water and allow to dry.					
Waste disposal method: Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
Precautions to be taken in handling and storage: Normal handling processes. Inside storage at 4-40 °C recommended.					
Other precautions: Follow label use instructions.					
UN: Not Applicable		TDG Class: None		Packing Group: Not Applicable	
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
Prepared by: D.R. Dunlop			Last updated: March 3, 2010		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Quat Plus M5

Liquid Disinfectant

"EcoLogo approved liquid disinfectant
(Pseudomonacidal, Staphylocidal, Salmonellacidal, Fungicidal, Virucidal)."

FEATURES AND BENEFITS

Environmentally Friendly: Approved - CCD-166 "Disinfectants and Disinfectant Cleaners"

Multiple Claims: effectively destroys a broad range of bacteria, fungi and viruses including: Pseudomonas aeruginosa, Salmonella choleraesuis, Staphylococcus aureus, HIV-1 and Trichophyton mentagrophytes.

Dual Purpose: General Purpose Hard Surface Cleaners requirements.

Spill-Resistant Protection: Prevents leaks, prevents accidental spillage, ensures employee safety, prevents chemical waste, enhances use of dispensing system.

WHERE TO USE

Quat Plus M5 was formulated for use in health care and food processing facilities. It may be used to disinfect all hard, non-porous surfaces including walls, floors, tubs, sinks, countertops, garbage pails, furniture etc.

HOW TO USE

Recommended Dilution Rates:

Heavy Cleaning	1:40
All Purpose	1:120
Regular Cleaning	1:256
Automatic Scrubber	1:256
Disinfection	1:128

Note: Adjust dilution rates to suit your cleaning needs.

Apply with a mop, sponge or cloth.

Mold and Mildew: When mixed at a rate of 1:128, QUAT PLUS M5 effectively inhibits the growth of odour-causing mold and mildew. Apply the solution and allow it to dry on the treated surface. Repeat treatment when mold or mildew returns.

Disinfecting: Allow a minimum contact time of 10 minutes in a single application. Surfaces subject to direct food contact should be adequately rinsed with potable water. Heavily soiled surfaces must be precleaned.

HIV-1: When mixed at a rate of 1:128, QUAT PLUS M5 may be used to disinfect and decontaminate hard surfaces exposed to blood or other body fluids that contain the HIV-1 virus. Thoroughly clean all hard surfaces removing blood and body fluids prior to disinfection. Allow surfaces to remain wet for a minimum of 4 minutes. Wear protective clothing including latex gloves, gown, mask and eye goggles. Blood, body fluids, cleaning materials and clothing should be autoclaved and disposed of according to local regulations. [Note: efficacy testing was done in the presence of hard water (400 ppm as CaCO₃) and a soil load (5% blood serum)].

SPECIFICATIONS

N,N-DIALKYL-N,N-dimethyl ammonium chloride: 7.7%

pH, concentrate @ 25°C: 10.5

pH, at 1:128 @ 25°C: 9.0-9.5

Colour: Colourless

Odour: Unscented

DIN#: 02298694

CFIA Approval: Yes

Quat Plus M5 is an effective bactericide, fungicide and virucide as demonstrated by the following support data:

- CLAIM - DISINFECTANT - AOAC USE - DILUTION TEST AT 600 ppm (dilution ratio of 1:80 in 250 ppm hard water).

Pseudomonas aeruginosa	ATTC# 15542	10	0/10
Staphylococcus aureus	ATTC# 6538	10	0/10
- CLAIM - DISINFECTANT - AOAC USE - DILUTION TEST AT 600 ppm (dilution ratio of 1:80 in 250 ppm hard water and 5% organic soil).

Salmonella enterica	ATTC# 10708	10	0/10
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- CLAIM - FUNGICIDE - AOAC FUNGICIDAL USE - DILUTION TEST AT 600 ppm (dilution ratio of 1:80 in 250 ppm hard water and 5% organic soil).

Trichophyton mentagrophytes	ATTC# 9533	10	0/10
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- CLAIM - VIRUCIDE - EPA VIRUCIDAL EFFICACY OF A DISINFECTANT FOR USE ON INANIMATE ENVIRONMENTAL SURFACES AT 600 ppm (dilution ratio of 1:80 in 250 ppm hard water and 5% organic soil).

HIV type 1	Strain HTLV III	Titer reduction $\geq 3.5 \log_{10}$
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