



MATERIAL SAFETY DATA SHEET (MSDS)

Quatromyicide II RTU

Sanitizer

Germicides



SECTION I ► PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Quatromyicide II		Sanitizer		Exempt	
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 colourless liquid	Unscented	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 = 2 Flammability = 0 Reactivity = 1					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: May cause irritation					
Inhalation: Not Applicable					
Skin Absorption: Unknown					
Skin Contact: May cause slight irritation					
Eye Contact: Slight irritation					
Special Warning: None					
SECTION VI ► FIRST AID MEASURES					
Ingestion: Drink 3-4 glasses of milk or water. Avoid alcohol. Call a physician.					
Inhalation: Not Applicable					
Skin: Flush thoroughly with water for at least 15 minutes.					
Eyes: Flush thoroughly with water for at least 15 minutes.					
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: 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: January 19, 2012		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

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Sanitizer

“Quatromyicide II is a broad spectrum quaternary ammonium based product which can be used as a final rinse to sanitize and deodorize all surfaces not affected by water alone.”

HOW TO USE

Before using QUATROMOYICIDE II all surfaces should be thoroughly cleaned, then rinsed with potable water in order to obtain the maximum effect.

MICROBIOLOGY EFFICACY DATA SUMMARY

Quatromyicide II kills *Pseudomonas aeruginosa* (*Pseudomonas*), *Staphylococcus aureus* (*Staph*), *Salmonella choleraesuis* (*Salmonella*), *Campylobacter jejuni* (*Campylobacter*), *Listeria monocytogenes* (*Listeria*), *Escherichia coli* (*E. coli*), *Escherichia coli* pathogenic strain 0157:H7 (pathogenic *E. coli*), *Klebsiella pneumoniae* (*Klebsiella*), *Pseudomonas cepacia* (*Pseudomonas*), *Salmonella typhi* (*Salmonella*), Herpes Simplex Virus 1 & 2 (*Herpes*), Vaccinia (*Pox Virus*), *Trichophyton mentagrophytes* (*The Athlete's Foot Fungus*).

Quatromyicide II reduces 99.9% *Escherichia coli*, pathogenic *Escherichia coli* 0157:H7, *Listeria monocytogenes*, *Staphylococcus aureus* and *Klebsiella pneumoniae* in 60 seconds.

Quatromyicide II is an effective sanitizer against *Salmonella choleraesuis* (*Salmonella*), *Escherichia coli*, *Shigella sonnei* and *Staphylococcus aureus*, *Yersinia enterocolitica*, *Campylobacter jejuni*, *Escherichia coli* 0157:H7 and *Listeria monocytogenes* as determined by the AOCA germicide and detergent sanitizer method in the presence of 400 ppm hardness.

Quatromyicide II is an effective fungicide against *Trichophyton mentagrophytes* (the athlete's foot fungus) when used on surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities.

Quatromyicide II is effective against Avian Influenza virus, Avian Infectious Bronchitis virus, Pseudorabies virus, Canine distemper virus, Newcastle Disease, Marek's Disease Virus, Infectious Bronchitis Arkansas 99' Virus, Human Immunodeficiency Virus (HIV), Adenovirus Type 5, and Infectious Laryngotracheitis Virus.

SPECIFICATIONS

Colour	clear, colourless liquid
Odour	Neutral
pH (conc.)	7.5 - 8.5
W.H.M.I.S. Classification	Exempt
D.I.N. Registration	02321963
Agri-Food Approved	yes