



**US Environmental Protection Agency
Office of Pesticide Programs**

**List G: EPA's Registered Antimicrobial Products
Effective Against Norovirus (Norwalk-like virus)**

January 9, 2009

Alphabetical Order

List G: EPA's Registered Antimicrobial Products Effective Against *Norovirus* (Norwalk-like virus) (Updated January 9, 2009)

- NO Product:** ACCEL TB
EPA Reg#: 74559-1
Registrant: VIROX TECHNOLOGIES INC.
Approval Date: 04/18/2006
Active Ingredients: Hydrogen peroxide 0.5%
- YES Product:** AXEN (R) 30
EPA Reg#: 72977-3
Registrant: ETI H2O Inc.
Approval Date: 02/13/2008
Active Ingredients: Citric acid 4.846%; Silver 0.003%
- YES Product:** AMERI-KLEEN WHIRLPOOL PEDICURE SPA ONE STEP
 DISINFECTANT
EPA Reg#: 75848-1
Registrant: AMERI-KLEEN CORP.
Approval Date: 01/10/2007
Active Ingredients: Octyl decyl dimethyl ammonium chloride 3.255%
 Dioctyl dmethyl ammonium chloride 1.302%; Didecyl dimethyl ammonium chloride 1.953%
 Alkyl* dimethyl benzyl ammonium chloride *(50%C14, 40%C18, 10%C16) 4.340%
- YES Product:** ASEPTROL S10-TAB
EPA Reg#: 70060-19
Registrant: ENGELHARDT CORP
Approval Date: 10/22/2007
Active Ingredients: Sodium chlorite 20.8%; Sodium dichloroisocyanurate dihydrate 7.0%
- YES Product:** ALPET D2
EPA Reg#: 73232-1
Registrant: BEST SANITIZERS, INC
Approval Date: 11/23/2005
Active Ingredients: 1-Octanaminium, N,N-dimethyl-N-octyl-, chloride 0.003%
 1-Decanaminium, N-decyl-N,N-dimethyl-, chloride 0.0045%
 1-Decanaminium, N,N-dimethyl-N-octyl-, chloride 0.0075% ;Isopropyl alcohol 58.6%
- YES Product:** ARC
EPA Reg#: 777-105
Registrant: RICKET BENCKISER Inc.
Approval Date: 07/01/2008
Active Ingredients: Ethanol 60.825%
 Alkyl* dimethyl benzyl ammonium saccharinate *(50% C14, 40% C12, 10% C16) 0.1%

YES Product: BARDAC 205M-14.08
EPA Reg#: 6836-278
Registrant: Lonza Inc
Approval Date: 09/19/2007
Active Ingredients: Octyl decyl dimethyl ammonium chloride 4.224%
Alkyl* dimethyl benzyl ammonium chloride *(50%C14, 40%C12, 10%C16) 5.632%
Dioctyl dimethyl ammonium chloride 1.69%;Didecyl dimethyl ammonium chloride 2.534%

YES Product: BARDAC 205M-10
EPA Reg#: 6836-266
Registrant: Lonza Inc
Approval Date: 12/13/2006
Active Ingredients: 1-Octanaminium, N,N-dimethyl-N-octyl-, chloride 1.2%
Alkyl* dimethyl benzyl ammonium chloride *(50%C14, 40%C12, 10%C16) 4%
1-Decanaminium, N-decyl-N,N-dimethyl-, chloride 1.8%
1-Decanaminium, N,N-dimethyl-N-octyl-, chloride 3%

YES Product: BRACE
EPA Reg#: 777-99
Registrant: RECKITT BENCKISER INC.
Approval Date: 03/10/2008
Active Ingredients: Ethyl alcohol 58.0%
Alkyl* dimethyl benzyl ammonium saccharinate *(50%C14, 40%C12, 10% C16) 0.1%

YES Product: CLEAN-CIDE READY TO USE GERMICIDAL DETERGENT
EPA Reg#: 34810-35
Registrant: WEXFORD LABS, Inc.
Approval Date: 10/02/2007
Active Ingredients: Citric Acid 0.6%

YES Product: CPPC STORM
EPA Reg#: 67619-13
Registrant: CLOROX PROFESSIONAL PRODUCTS CO
Approval Date: 2/23/2006
Active Ingredients: Sodium hypochlorite 2.4%

YES Product: CPPC TSUNAMI
EPA Reg#: 67619-12
Registrant: CLOROX PROFESSIONAL PRODUCTS CO
Approval Date: 09/03/2008
Active Ingredients: Sodium hypochlorite 0.55%

- YES Product:** CPPC ULTRA BLEACH 2
EPA Reg#: 67619-8
Registrant: Clorox Professional Products Co.
Approval Date: 12/22/2008
Active Ingredients: Sodium hypochlorite 6.15%
- YES Product:** D-125
EPA Reg#: 61178-1
Registrant: MICROGEN, INC
Approval Date: 04/24/2004
Active Ingredients: Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 2.25%
 Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) 2.25%
- YES Product:** DETERGENT DISINFECTANT PUMP SPRAY
EPA Reg#: 1839-83
Registrant: Stepan Company
Approval Date: 06/14/2007
Active Ingredients: Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 0.105%
 Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) 0.105%
- YES Product:** DISPATCH HOSPITAL CLEANER DISINFECTANT WITH BLEACH
EPA Reg#: 56392-7
Registrant: CALTECH INDUSTRIES INC
Approval Date: 11/21/2007
Active Ingredient: Sodium hypochlorite 0.55%
- YES Product:** DISINFECTANT D.C. 100
EPA Reg#: 70627-2
Registrant: S.C. JOHNSON COMMERCIAL MARKETS INC.
Approval Date: 08/20/2005
Active Ingredients: Alkyl*dimethyl ethylbenzyl ammonium chloride*(68%C12,32%C14) 0.105%
 Alkyl*dimethyl benzyl ammonium chloride*(60%C14,30%C16,5%C18,5%C12) 0.105%
- YES Product:** EXSPOR BASE CONCENTRATE
EPA Reg#: 1677-216
Registrant: ECOLAB Inc.
Approval Date: 11/04/2008
Active Ingredients: Sodium chlorite 1.52%
- YES Product:** LONZA DISINFECTING WIPES
EPA Reg#: 6836-313
Registrant: Lonza Inc
Approval Date: 08/15/2007
Active Ingredients: 1-Decanaminium, N,N-dimethyl-N-octyl-, chloride .069% ;
 1-Decanaminium, N-decyl-N,N-dimethyl-, chloride .042% ; 1-Octanaminium,
 N,N-dimethyl-N-octyl-, chloride .028% ; Alkyl*dimethyl benzyl ammonium
 chloride *(50%C14, 40%C12, 10%C16) .093%

- YES Product:** LONZA FORMULATION DC-103
EPA Reg#: 6836-152
Registrant:: LONZA INC
Approval Date: 03/28/2008
Active Ingredients: Dioctyl dimethyl ammonium chloride 0.01%
 Alkyl* dimethyl benzyl ammonium chloride*(50%C14, 40%C12, 10%C16) 0.034%
 Didecyl dimethyl ammonium chloride 0.015 % ; Octyl decyl dimethyl ammonium chloride 0.025%
- NO Product:** LONZA FORMULATION R-82
EPA Reg#: 6836-78
Registrant: LONZA INC
Approval Date: 06/11/1981
Active Ingredients: Dioctyl dimethyl ammonium chloride 2.604%
 Alkyl*dimethyl benzyl ammonium chloride*(50%C14, 40%C12, 10%C16) 8.68%
 Didecyl dimethyl ammonium chloride 3.906% ;
 Octyl decyl dimethyl ammonium chloride 6.51%
- NO Product:** LONZA FORMULATION R-82F
EPA Reg#: 6836-139
Registrant: Lonza Inc
Approval Date: 12/22/2006
Active Ingredients: Dioctyl dimethyl ammonium chloride 2.604%
 Alkyl* dimethyl benzyl ammonium chloride *(50%C14, 40%C12, 10%C16) 8.68%
 Didecyl dimethyl ammonium chloride 3.906%; Octyl decyl dimethyl ammonium chloride 6.51%
- YES Product:** LONZA FORMULATION S-18
EPA Reg#: 6836-77
Registrant: Lonza Inc
Approval Date: 11/07/2006
Active Ingredients: Dioctyl dimethyl ammonium chloride 1.302%
 Alkyl* dimethyl benzyl ammonium chloride *(50%C14, 40%C12, 10%C16) 4.340%
 Didecyl dimethyl ammonium chloride 1.953% ;
 Octyl decyl dimethyl ammonium chloride 3.255 %
- YES Product:** LONZA FORMULATION S-21
EPA Reg#: 6836-75
Registrant:: LONZA INC
Approval Date: 11/07/2006
Active Ingredients: Dioctyl dimethyl ammonium chloride 0.66%
 Alkyl* dimethyl benzyl ammonium chloride*(50%C14, 40%C12, 10%C16) 2.2%
 Didecyl dimethyl ammonium chloride 0.99%; Octyl decyl dimethyl ammonium chloride 1.65%
- YES Product:** LONZA FORMULATION S-18F
EPA Reg#: 6836-136
Registrant:: LONZA INC
Approval Date: 08/14/2007
Active Ingredients: Dioctyl dimethyl ammonium chloride 1.302%
 Alkyl* dimethyl benzyl ammonium chloride*(50%C14, 40%C12, 10%C16) 4.34%
 Didecyl dimethyl ammonium chloride 1.953%; Octyl decyl dimethyl ammonium chloride 3.255%

- YES Product:** LONZA FORMULATION S-21F
EPA Reg#: 6836-140
Registrant:: LONZA INC
Approval Date: 08/14/2007
Active Ingredients: Dioctyl dimethyl ammonium chloride 0.66%
Alkyl* dimethyl benzyl ammonium chloride*(50%C14, 40%C12, 10%C16) 2.2%
Didecyl dimethyl ammonium chloride 0.99%; Octyl decyl dimethyl ammonium chloride 1.65%
- YES Product:** MAQUAT 64
EPA Reg#: 10324-59
Registrant:: MASON CHEMICAL CO
Approval Date: 08/29/2008
Active Ingredients:
Alkyl* dimethyl benzyl ammonium chloride*(60%C14, 30%C16, 5%C18, 5%C12) 2.25%
Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 2.250%
- YES Product:** MAQUAT 64 PD
EPA Reg#: 10324-93
Registrant:: MASON CHEMICAL CO
Approval Date: 11/22/2005
Active Ingredients:
Alkyl*dimethyl ethylbenzyl ammonium chloride*(68%C12, 32%C14) 2.25%
Alkyl* dimethyl benzyl ammonium chloride*(60%C14, 30%C16, 5%C18, 5%C12) 2.25%
- YES Product:** MAQUAT 128
EPA Reg#: 10324-58
Registrant:: MASON CHEMICAL CO
Approval Date: 11/23/2005
Active Ingredients:
Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 4.5%
Alkyl* dimethyl benzyl ammonium chloride*(60%C14, 30%C16, 5%C18, 5%C12) 4.5%
- YES Product:** MAQUAT 128 PD
EPA Reg#: 10324-105
Registrant:: MASON CHEMICAL CO
Approval Date: 11/22/2005
Active Ingredients:
Alkyl* dimethyl benzyl ammonium chloride*(60%C14, 30%C16, 5%C18, 5%C12) 4.5%
Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 4.500%
- YES Product:** MAQUAT MQ-2525M-CPV
EPA Reg#: 10324-140
Registrant: MASON CHEMICAL CO
Approval Date: 07/07/2005
Active Ingredients:
Alkyl*dimethyl ethylbenzyl ammonium chloride*(68%C12,32%C14) 1.6%
Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) 1.6%

- YES Product:** MDF-200 MODEC DECON FORMULATION Part A
EPA Reg#: 80346-1
Registrant: Modec Inc.
Approval Date: 10/28/2008
Active Ingredients:
 Alkyl (50%C14,10%C16,40%C12)Dimethyl benzyl ammonium chlorides 3.2%
- NO Product:** MDF-200 MODEC DECON FORMULATION Part B
EPA Reg#: 80346-2
Registrant: Modec Inc.
Approval Date: 10/28/2008
Active Ingredients: Hydrogen peroxide 7.95%
- YES Product:** NP 4.5 DETERGENT/DISINFECTANT
EPA Reg#: 1839-79
Registrant: Stepan Company.
Approval Date: 06/14/2007
Active Ingredients:
 Alkyl* dimethyl benzyl ammonium chloride*(60%C14, 30%C16, 5%C18, 5%C12) 02.25%
 Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 02.25%
- YES *Product:** NP 4.5 (D & F) DETERGENT/DISINFECTANT
EPA Reg#: 1839-95
Registrant: Stepan Company
Approval Date: 06/14/2007
Active Ingredients:
 Alkyl*dimethyl ethylbenzyl ammonium chloride*(68%C12, 32%C14) 2.25%
 Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) 2.25%
- NO Product:** NP 9.0 DETERGENT/DISINFECTANT
EPA Reg#: 1839-81
Registrant: Stepan Company
Approval Date: 06/22/2005
Active Ingredients:
 Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) 4.5%
 Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 4.5%
- NO Product:** NP 9.0 (D&F) DETERGENT/DISINFECTANT
EPA Reg#: 1839-96
Registrant: Stepan Company
Approval Date: 01/11/2006
Active Ingredients:
 Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) 4.5%
 Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 4.5%
- NO Product:** OXIVIR TB
EPA Reg#: 70627-56
Registrant: JOHNSON DIVERSEY Inc.
Approval Date: 05/02/2007
Active Ingredients: Hydrogen peroxide 0.5%

NO Product: OXIVIR WIPES
EPA Reg#: 70627-60
Registrant: JOHNSON DIVERSEY Inc.
Approval Date: 02/14/2008
Active Ingredients: Hydrogen peroxide 0.5%

NO Product: OXY-SEPT LDI
EPA Reg#: 1677-203
Registrant: ECOLAB Inc.
Approval Date: 02/21/2006
Active Ingredients: Hydrogen peroxide 27.5% ; Peroacetyc acid 5.8%

NO Product: OXY-TEAM DISINFECTANT CLEANER
EPA Reg#: 70627-58
Registrant: JOHNSONDIVERSEY, Inc.
Approval Date: 09/04/2008
Active Ingredients: Hydrogen Peroxide 4.25%

YES Product: PUBLIC PLACES
EPA Reg#: 61178-2
Registrant: MICROGEN, INC
Approval Date: 05/30/89
Active Ingredients:
Alkyl*dimethyl benzyl ammonium chloride*(60%C14, 30%C16, 5%C18, 5%C12) 0.07%
Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 0.07%

YES Name: SELECTROCIDE 2L500
EPA Reg#: 74986-4
Registrant: Selective Micro Technologies LLC
Approval Date: 08/13/2007
Active Ingredient: Sodium chlorite 30.5%

YES Name: SELECTROCIDE 5G
EPA Reg#: 74986-5
Registrant: Selective Micro Technologies LLC
Approval Date: 08/13/2007
Active Ingredient: Sodium chlorite 30.5%

YES Name: SHIELD
EPA Reg#: 67619-17
Registrant: CLOROX PROFESSIONAL PRODUCTS CO.
Approval Date: 09/03/2008
Active Ingredient: Sodium hypochlorite 1.84%

- YES Product:** SPRAY NINE
EPA Reg#: 6659-3
Registrant:: Knight Marketing Corp.
Approval Date: 07/10/2008
Active Ingredients:
Alkyl*dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18,5%C12) 0.15%
Alkyl*dimethyl ethylbenzyl ammonium chloride*(68%C12, 32%C14) 0.15%
- YES Product:** STEPAN TOWELETTE
EPA Reg#: 1839-174
Registrant:: Stepan Company
Approval Date: 04/25/2006
Active Ingredients: Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 0.105%
Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) 0.105%
- YES Product:** VETERINARY TYPE DISINFECTANT
EPA Reg#: 1839-100
Registrant:: Stepan Company
Approval Date: 01/12/2006
Active Ingredients:
Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) 4.5%
n-Alkyl* dimethyl ethylbenzyl ammonium chloride *(68%C12, 32%C14) 4.5%
- NO Product:** VIRKON
EPA Reg#: 71654-7
Registrant:: E.I. DUPONT DE NEMOURS AND COMPANY
Approval Date: 07/27/2006
Active Ingredients: Sodium chloride 1.50%; Potassium peroxymonosulfate 21.45%
- YES Product:** VITAL OXIDE
EPA Reg#: 82972-1
Registrant:: VITAL TECHNOLOGIES.
Approval Date: 08/28/2007
Active Ingredients: Chlorine dioxide 0.20%;
Alkyl*dimethyl benzyl ammonium chloride*(60%C14, 30%C16, 5%C12, 5%C18) 0.125%
Alkyl*dimethyl ethylbenzyl ammonium chloride*(68%C12, 32%C14) 0.125%
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Numerical Order
List G: EPA's Registered Antimicrobial Products Effective Against
Norovirus (Norwalk-like virus) (Updated January 9, 2009)

<u>EPA Reg#</u>	<u>Primary Product Name</u>
YES 777-99	BRACE
YES 777-105	ARC
NO 1677-203	OXY-SEPT LDI
YES 1677-256	EXPOR BASE CONCENTRATE
YES 1839-79	NP 4.5 DETERGENT/ DISINFECTANT
YES 1839-81	NP 9.0 DETERGENT/DISINFECTANT
YES 1839-83	DETERGENT DISINFECTANT PUMP SPRAY
YES 1839-95	NP 4.5(D&F) DETERGENT/DISINFECTANT
NO 1839-96	NP 9.0 (D&F) DETERGENT/DISINFECTANT
NO 1839-100	VETERINARY TYPE DISINFECTANT
YES 1839-174	STEPAN TOWELETTE
YES 6659-3	SPRAY NINE
YES 6836-75	LONZA FORMULATION S-21
YES 6836-77	LONZA FORMULATION S-18
NO 6836-78	LONZA FORMULATION R-82
NO 6836-136	LONZA FORMULATION S-18F
NO 6836-139	LONZA FORMULATION R-82F
YES 6836-140	LONZA FORMULATION S-21F
YES 6836-152	LONZA FORMULATION DC-103
YES 6836-266	BARDAC-205M-10
YES 6836-278	BARDAC-205M-14.08
YES 6836-313	LONZA DISINFECTANT WIPES
YES 10324-58	MAQUAT 128
YES 10324-59	MAQUAT 64
YES 10324-93	MAQUAT 64PD
YES 10324-105	MAQUAT 128PD
YES 10324-140	MAQUAT MQ2525M-CPV
YES 34810-35	CLEAN-CIDE READY TO USE GERMICIDAL DETERGENT
YES 56392-7	DISPATCH HOSPITAL CLEANER DISINFECTANT WITH BLEACH
YES 61178-1	D-125
YES 61178-2	PUBBLIC PLACES
YES 67619-8	CPPC ULTRA BLEACH 2

YES 67619-12	CPPC TSUNAMI
YES 67619-13	CPPC STORM
YES 67619-17	SHIELD
YES 70060-19	ASEPTROL S10-TAB
YES 70627-2	DISINFECTANT D.C. 100
NO 70627-56	OXIVIR TB
NO 70627-58	OXY-TEAM DISINFECTANT CLEANER
NO 70627-60	OXIVIR WIPES
NO 71654-7	VIRKON
YES 72977-3	AXEN (R) 30
NO 74559-1	ACCEL TB
YES 74986-4	SELECTROCIDE 2L500
YES 74986-5	SELECTROCIDE 5G
YES 73232-1	ALPET D2
YES 75848-1	AMERI-KLEEN WHIRLPOOL PEDICURE SPA ONE STEP DISINFECTANT
YES 80346-1	MDF-200 MODEC DECON FORMULATION Part A
NO 80346-2	MDF-200 MODEC DECON FORMULATION Part B
YES 82972-1	VITAL OXIDE
