



**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)

Product: ACCEL TB
EPA Reg#: 74559-1
Registrant: VIROX TECHNOLOGIES INC.
Approval Date: 04/18/2006
Active Ingredients: Hydrogen peroxide 0.5%

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%

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%

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%

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%

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%

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%

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%

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%

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%

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

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

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%

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%

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%

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%

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%

Product: EXSPOR BASE CONCENTRATE
EPA Reg#: 1677-216
Registrant: ECOLAB Inc.
Approval Date: 11/04/2008
Active Ingredients: Sodium chlorite 1.52%

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%

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%

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%

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%

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 %

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%

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%

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%

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%

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%

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%

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%

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%

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%

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%

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%

***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%

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%

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%

Product: OXIVIR TB
EPA Reg#: 70627-56
Registrant: JOHNSON DIVERSEY Inc.
Approval Date: 05/02/2007
Active Ingredients: Hydrogen peroxide 0.5%

Product: OXIVIR WIPES
EPA Reg#: 70627-60
Registrant: JOHNSON DIVERSEY Inc.
Approval Date: 02/14/2008
Active Ingredients: Hydrogen peroxide 0.5%

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%

Product: OXY-TEAM DISINFECTANT CLEANER
EPA Reg#: 70627-58
Registrant: JOHNSONDIVERSEY, Inc.
Approval Date: 09/04/2008
Active Ingredients: Hydrogen Peroxide 4.25%

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%

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

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

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

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%

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%

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%

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%

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%

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> |
|------------------------|--|
| 777-99 | BRACE |
| 777-105 | ARC |
| 1677-203 | OXY-SEPT LDI |
| 1677-256 | EXPOR BASE CONCENTRATE |
| 1839-79 | NP 4.5 DETERGENT/ DISINFECTANT |
| 1839-81 | NP 9.0 DETERGENT/DISINFECTANT |
| 1839-83 | DETERGENT DISINFECTANT PUMP SPRAY |
| 1839-95 | NP 4.5(D&F) DETERGENT/DISINFECTANT |
| 1839-96 | NP 9.0 (D&F) DETERGENT/DISINFECTANT |
| 1839-100 | VETERINARY TYPE DISINFECTANT |
| 1839-174 | STEPAN TOWELETTE |
| 6659-3 | SPRAY NINE |
| 6836-75 | LONZA FORMULATION S-21 |
| 6836-77 | LONZA FORMULATION S-18 |
| 6836-78 | LONZA FORMULATION R-82 |
| 6836-136 | LONZA FORMULATION S-18F |
| 6836-139 | LONZA FORMULATION R-82F |
| 6836-140 | LONZA FORMULATION S-21F |
| 6836-152 | LONZA FORMULATION DC-103 |
| 6836-266 | BARDAC-205M-10 |
| 6836-278 | BARDAC-205M-14.08 |
| 6836-313 | LONZA DISINFECTANT WIPES |
| 10324-58 | MAQUAT 128 |
| 10324-59 | MAQUAT 64 |
| 10324-93 | MAQUAT 64PD |
| 10324-105 | MAQUAT 128PD |
| 10324-140 | MAQUAT MQ2525M-CPV |
| 34810-35 | CLEAN-CIDE READY TO USE GERMICIDAL DETERGENT |
| 56392-7 | DISPATCH HOSPITAL CLEANER DISINFECTANT WITH BLEACH |
| 61178-1 | D-125 |
| 61178-2 | PUBBLIC PLACES |
| 67619-8 | CPPC ULTRA BLEACH 2 |

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|----------|---|
| 67619-12 | CPPC TSUNAMI |
| 67619-13 | CPPC STORM |
| 67619-17 | SHIELD |
| 70060-19 | ASEPTROL S10-TAB |
| 70627-2 | DISINFECTANT D.C. 100 |
| 70627-56 | OXIVIR TB |
| 70627-58 | OXY-TEAM DISINFECTANT CLEANER |
| 70627-60 | OXIVIR WIPES |
| 71654-7 | VIRKON |
| 72977-3 | AXEN (R) 30 |
| 74559-1 | ACCEL TB |
| 74986-4 | SELECTROCIDE 2L500 |
| 74986-5 | SELECTROCIDE 5G |
| 73232-1 | ALPET D2 |
| 75848-1 | AMERI-KLEEN WHIRLPOOL PEDICURE SPA ONE STEP DISINFECTANT |
| 80346-1 | MDF-200 MODEC DECON FORMULATION Part A |
| 80346-2 | MDF-200 MODEC DECON FORMULATION Part B |
| 82972-1 | VITAL OXIDE |
