# PLEASE NOTE

This image contains more than one label approved for this product on this date.



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

## March 12, 2003

Mr. Brian C. Brosdahl Manager, North American Registrations Ecolab Inc. 370 N. Wabasha Street St. Paul, MN 55102

Subject:

Notification Application Per PR Notice 98-10

Mandate Plus

EPA Registration No.1677-194 Application Dated January 27, 2003

Dear Mr. Brosdahl:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

## **Proposed Notification:**

- alternate brand name
  - Dairy-Mate Acid Sanitizer Plus

#### **General Comment:**

Based on a review of the material submitted, the following comments apply:

The notification application is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6422, or Lisa McKelvin at (703) 308-7496.

Sincerely.

Spa R. MKelin Adam Heyward

Product Manager (34)

Regulatory Management Branch II Antimicrobials Division (7510C)

| Please read instructions on reverse before   | e completing form.                    |   |   | Form Approved. Ol        | MB No. 2  | 070-0060 Ар  | proval Expires 5-31-98                |
|--|---------------------------------------|---|---|--------------------------|-----------|--------------|---------------------------------------|
|  |                                       | Registration OPP Identifier Number        |   |                          |           |              |                                       |
| EPA Envir  | у 📋                                   | Amendment                                 |   |                          |           |              |                                       |
|  | $\boxtimes$                           | Other                                     |   | ļ                        |           |              |                                       |
|  | Application for Pesticide - Section I |   |   |                          |           |              |                                       |
| 1. Company/Product Number  |                                       |   | 2. EPA Produc   |                          | 3.        | Proposed C   | lassification                         |
| 1  | 1677-194                              | Adam Heywai                               | rd  |                          |           |              |                                       |
| 4. Company/Product (Name)  |                                       |   | PM#   |                          | ╛         | None         |                                       |
| )<br>  Mar   | ndate Plus                            |   | 34  |                          |           | None         | Restricted                            |
| 5. Name and Address of Applicant (   | include ZiP Code)                     |   |   | d Review, In accorda     |           |              |                                       |
| Ecolab Inc.<br>370 N. Wabasha Street   |                                       |   | (b) (i), my product is similar or identical in composition and labeling |                          |           |              |                                       |
| St. Paul, MN 55102   |                                       |   | to:<br>EPA Reg. No  | )                        |           | _            |                                       |
| Check if this is a n   | ew address                            |   | Product Nam   | 6                        |           |              | <b>.</b>                              |
|  |                                       | Section                                   | 1 – <u>II</u>   |                          |           |              |                                       |
| Amendment – Explain below.   |                                       |   | Final   | printed labels in respor | ise to    |              | · · · · · · · · · · · · · · · · · · · |
| Resubmission in response to A  | Agency letter datedA                  | ugust 8, 2001                             | Me  | Too" Application.        |           |              |                                       |
| Notification - Explain below   | ···                                   |   |   | r – Explain below.       |           |              |                                       |
| Explanation: Use additional Pag  | •                                     |   | •   |                          |           |              |                                       |
| This notification is per PR  | Notice 98-10(II)(A                    | A). Ecolab requ                           | uests the alte  | ernate brand name        | e Dair    | ry-Mate .    | Acid                                  |
| Sanitizer Plus. This notification is consistent with the   | o provinione of RR Notice             | 09 10 and EBA ra                          | mulations at 40 C   | CED 152.46, and no other | or obon   | ann hava h   | and made to the                       |
| labeling or the confidential statemen  | t of formula of this produc           | ct. I understand that                     | it it is a violation  | of 18 U.S.C. Sec. 1001   | to willfu | ully make a  | ny false                              |
| statement to the EPA. I further unde<br>in violation of FIFRA and I may be si  |                                       |   |   |                          | CFR 1     | 152.46, this | product may be                        |
|  | 35/50: 10 0/110/10/110/11 00/1        | Section                                   |   | . Little 14 Of Fig. 10 M |           |              |                                       |
| 1. Material This Product Will Be Pa  | ackaged In:                           |   |   |                          |           |              |                                       |
| Child-Resistant Packaging  | Unit Packaging                        |   | Water Soluble Packaging 2. Type of Container                            |                          |           |              |                                       |
| Yes*   | Yes                                   |   | Yes   |                          |           | Metal        |                                       |
|  | <b>⋉</b> No                           |   |   |                          |           | Plastic      |                                       |
| <b>⊠</b> No  | If "Yes"                              | No. per                                   | If "Yes" No. Per  |                          |           | Glass        |                                       |
| * Certification must   | Unit Packaging wgt.                   | Container                                 | Unit Package wgt.   Container Paper  Other (Specify)                    |                          |           |              |                                       |
| be submitted   |                                       |   |   |                          |           |              |                                       |
| 3. Location of Net Contents Informat   |                                       | Size(s) Retail Cont<br>15, 55 gallons and |   | 5. Location of Label D   | Direction | าร           |                                       |
| Label Container  | totes                                 |   | On Label  |                          |           |              |                                       |
| Laber Container  | On Labeling accompanying product      |   |   |                          | ct        |              |                                       |
| 6. Manner in Which Label is Affixed to Product Lithograph  |                                       |   |   |                          |           |              |                                       |
| Paper glued Other  |                                       |   |   |                          |           |              |                                       |
| Stenciled  |                                       |   |   |                          |           |              |                                       |
| Section - IV   |                                       |   |   |                          |           |              |                                       |
| 1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application).  |                                       |   |   |                          |           |              |                                       |
| Name  Title  Telephone No. (Include Area Code)  Manager, North American Registrations  (651) 293-2848  |                                       |   |   |                          |           |              |                                       |
| Certification 6. Date Application 11.  |                                       |   |   |                          |           |              |                                       |
| I certify that the statements which I have made on this form and all attachments are true, accurate and complete.  I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under explicable law.  Received  (Stamped) |                                       |   |   |                          |           |              |                                       |
| 2. Signature   |                                       |   |   |                          |           |              |                                       |
| Manager, North American Registrations  |                                       |   |   |                          |           |              |                                       |
| 3. Typed Name 4. Date  |                                       |   |   |                          |           |              |                                       |
| Brian C. Brosd   | 1/27/0                                | 5   |   |                          |           |              |                                       |

White - EPA File Copy (original)

Yellow - Applicant Copy

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EPA Form 8750-1 (Rev. 8-94) Previous editions are obsolete

# **MANDATE PLUS**

# CIP Acid Sanitizer For Dairy & Food Processing Equipment

MANDATE PLUS is a non-iodine acid sanitizer for CIP and COP systems, tanks and back-flush systems

| ACTIVE INGREDIENTS. |        |
|---------------------|--------|
| Nonanoic Acid       | 6.49 % |
| Decanoic Acid       | 1.09%  |
| INERT INGREDIENTS:  |        |

 INERT INGREDIENTS:
 92.42%

 TOTAL:
 100.0%

Date Reviewed: 277 27 No. 1012 No. 1012

# DANGER

# PRECAUTIONARY STATEMENTS

ACTIVE INCOCNENTS.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** CORROSIVE: Causes irreversible eye damage or skin burns. Fatal if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles or face shield(safety glasses). Wear protective clothing(long-sleeve shirt and long pants, socks plus shoes and chemical resistant gloves, such as water proof gloves). Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

#### **FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

# FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-328-0026 OUTSIDE NORTH AMERICA, CALL 1-651-222-5352

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

## **ENVIRONMENTAL HAZARDS: (5 gallons or greater)**

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollutania Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing, prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the U.S. Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: Mix only with water following label directions. Do not mix with chlorinated cleaners or sanitizers. Toxic chlorine gas will be formed.

# **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For Dairy and Food Processing Equipment, Tanks, Vats, Palls, Pipelines and Closed Systems-Remove all gross food particles and soil by a pre-flush or pre-scrape, and when necessary, a presoak treatment. Clean all surfaces thoroughly with proper detergents and rinse with potable water. Sanitize CIP or COP equipment by immersion, circulation or coarse spray sanitizing techniques, as appropriate. For sanitizing by immersion or circulation, use MANDATE PLUS at 0.9 to 1.1 ounces per 6 gallons (0.117 to 0.143 mL per Liter) of water. For coarse spray sanitizing, use 0.9 to 1.1 ounces per 3 gallons (0.234 to 0.286 mL per Liter) of water. All surfaces should be exposed to sanitizing solutions for a period of not less than 2 minutes. Drain thoroughly and then air dry. Regular use of MANDATE PLUS at will prevent the formation of milkstone or mineral stone on processing equipment.

Follow state and local Health Department regulations for cleaning and sanitizing food processing and dairy equipment.

**Note:** For mechanical operations repeated use solutions may not be reused for sanitizing, but may be reused for other purposes such as cleaning.

## STORAGE & DISPOSAL

#### DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

**Pesticide Storage**: Keep container closed when not in use. Do not store below 0° F for extended periods.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

### **Container Disposal:**

(1 gallon or less): Do not reuse empty containers. Wrap container and put in trash.

(greater than 1 gallon): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(Tote): Verify that the tote is empty. Do not rinse or clean. Seal tote and contact Ecolab for return.

**Net Contents:** 

1 U.S. gal (3.78 L) 5 U.S. gal (18.9 L) 15 U.S. gal (56.7 L) 55 U.S. gal (208.2 L) 300 U.S. gal (1,134 L)

EPA Reg. No. 1677-194

EPA Est.: 1677-IL-2 (J), 1677-NJ-1 (W), 1677-TX-1 (D), 1677-GA-1 (M), 1677-CA-1 (S), 1677-MN-1 (P), 1677-PR-1 (B), 3798-CA-2 (T), 37982-CA-3 (A), 11321-CA-1 (C), 1677-OH-1 (H), 1677-CA-2 (R), 1677-MO-1 (K), 1677-WV-1 (V), 303-IN-1 (L)

Superscript refers to first letter of date code

Ecolab Food & Beverage Division Ecolab Inc., 370 Wabasha Street N. St. Paul, Minnesota 55102-1390 U.S.A 4/4

# NEXT

# LABEL



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

# March 12, 2003

Mr. Brian C. Brosdahl
Manager, North American Registrations
Ecolab Inc.
370 N. Wabasha Street
St. Paul, MN 55102

Subject:

Notification Application Per PR Notice 98-10

Mandate Plus

EPA Registration No.1677-194 Application Dated January 27, 2003

Dear Mr. Brosdahl:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

## **Proposed Notification:**

- alternate brand name
  - Monarch Acid Sanitizer Plus

### **General Comment:**

Based on a review of the material submitted, the following comments apply:

The notification application is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6422, or Lisa McKelvin at (703) 308-7496.

Sincerely

Adam Heyward

Product Manager (34)

Regulatory Management Branch II Antimicrobials Division (7510C)

| Environmental Protection Agency Washington, Dc 29460  Amendment Other  Application for Pesticide - Section I  1. Company/Product Number  1677-194.  4. Company/Product Number 1677-194.  4. Company/Product Number 1677-194.  4. Company/Product Number 1677-194.  4. Company/Product Number 1677-194.  5. Name and Address of Applicant (Include 2IP Code) Evolution in Street St. Paul, MN S5102  Check If Nisis is a new address  Section — II  Amendment — Explain below.  Final printed labels in response to Product Name  Section — II  Amendment — Explain below.  Explanation: Use additional Page(s) if necessary. (For section I and Section II) This notification is per PR Notice 98-10 (III) (A). Evolab requests the alternate brand name Monarch Acid Sanitizer Plus.  This notification is per PR Notice 98-10 (III) (A). Evolab requests the alternate brand name Monarch Acid Sanitizer Plus.  This notification is per PR Notice 98-10 (III) (A). Evolab requests the alternate brand name Monarch Acid Sanitizer Plus.  This notification is per PR Notice 98-10 (III) (A). Evolab requests the alternate brand name Monarch Acid Sanitizer Plus.  This notification is per PR Notice 98-10 (III) (A). Evolab requests the alternate brand name Monarch Acid Sanitizer Plus.  This notification is per PR Notice 98-10 (III) (A). Evolab requests the alternate brand name Monarch Acid Sanitizer Plus.  This notification is per PR Notice 98-10 (III) (A). Evolab requests the alternate brand name Monarch Acid Sanitizer Plus.  This notification is per PR Notice 98-10 (III) (A). Evolab requests the alternate brand name Monarch Acid Sanitizer Plus.  The restriction of FIFFA and Insight 98 subject to entrocement action and penalties under sections 2 and 14 of FIFFA.  Section - III  Material This Product Will 89 Peckaged In:  The Packaging Will Production of FIFFA and Insight 98 subject to entrocement action and penalties under sections 2 and 14 of FIFFA.  Section - III  Assertion of Net Container  Will Probaging with I container  Will Prove Will 89 Peckaged In:  The Pa  | * Please réi  | ad instructions on                      | reverse befor  | re completing form.  |                              |                                    |                     | Form Ap           | proved. OMB N   | o. 2070-0060 A | pproval Expires 5-31-98               |
|---|---|---|----------------|----------------------|------------------------------|------------------------------------|---------------------|-------------------|-----------------|----------------|---------------------------------------|
| Application for Pesticide - Section I  1. Company/Product Number    1877-194  | United States   |   |                |                      |                              | Registration OPP Identifier Number |                     |                   |                 |                |                                       |
| Application for Pesticide - Section I  1. Company/Product Number  1. Company/Product (Name)  1. Expedition for Pesticide - Section I  2. EPA Product Manager  3. Proposed Glassification  1. Adam Heyward  4. Company/Product (Name)  Mandate Plus  5. Name and Address of Applicant (Include ZIP Code)  5. Name and Address of Applicant (Include ZIP Code)  5. Name and Address of Applicant (Include ZIP Code)  5. Name and Address of Applicant (Include ZIP Code)  5. Name substance of Applicant (Include ZIP Code)  6. Expedited Review. In socordance with FIFRA Section 3 (c) (d) (d), my product is similar or identical in composition and stateling the Code of C  | <b>Ω ΕΡΛ</b> Environmental Protection Agence  |   |                |                      |                              | у 🗂                                | Amenda              | nent              |                 | •              |                                       |
| Application for Pesticide - Section I  1. Company/Product Number  1877-194  4. Company/Product (Name)  Mandate Plus  5. Name and Addies of Applicant (Include ZIP Code)  Evolab Inc.  19 None  Mandate Plus  5. Name and Addies of Applicant (Include ZIP Code)  Evolab Inc.  19 None  Amendment - Explain below.    Chack if this is a new address   Section - II  |   |   |                | Washingtor           | n, DC 2                      | 0460                               |                     |                   |                 |                | ·                                     |
| 1. CompanyProduct Number  1677-194  4. CompanyProduct (Name)  Mandate Plus  5. Name and Address of Applicant (include ZIP Code)  Enable No.  Solution of Applicant (include ZIP Code)  Enable No.  Chack if this is a new address  Section - II  Amendment - Explain below.  Final printed labels in response to Agency letter dated _August 8, 2001 "Me Too" Application.  Notification - Explain below.  Explanation: Use additional Page(s) if necessary. (For section I and Section II)  This notification is per PR. Notice 98-10(III)(A). Ecolab requests the alternate brand name Monarch Acid Sanitizer  Plus.  This notification is per PR. Notice 98-10(III)(A). Ecolab requests the alternate brand name Monarch Acid Sanitizer  Plus.  This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152-46, and no other changes have been made to the tealing or the confidential statement of formula of this product. Innerestand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and CFR 152-46, this product may be in violation of FIFRA.  Section - III  1. Material This Product WIII 8e Packaging   |   |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |
| 1677-194   Adam Heyward   Phile   Ph    |   |   |                | App                  | olica                        | tion for Pest                      |                     |                   |                 | <u>.</u>       |                                       |
| ## Amandate Plus  5. Name and Address of Applicant (Include ZIP Code)  Ecotab Inc.  5. Name and Address of Applicant (Include ZIP Code)  Ecotab Inc.  5. Name and Address of Applicant (Include ZIP Code)  Ecotab Inc.  5. Name and Address of Applicant (Include ZIP Code)  Ecotab Inc.  5. Name and Address of Applicant (Include ZIP Code)  Ecotab Inc.  6. Expedited Review. In accordance with FIFPA Section 3 (c) (c) (d) (n), my product is similar or identical in composition and labeling store. The Amandment — Explain below.    Chack if this is a new address   | 1. Compa  | any/Product Nu                          | mber           |                      |                              |                                    | 2. EPA Produ        | uct Manager       |                 | 3. Proposed    | Classification                        |
| Mandate Plus  5. Name and Address of Applicant (Include ZIP Code) Ecolab Inc. 370 N. Wabasha Street St. Paul, MN 55102    Chack if this is a new activess   Chack if this is a new active active in the product of the product in the product. I understand that it is a violation of 18 U.S.C. Soc. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the provisions of PFR Notice 98-10 and EPA regulations at 40 CFR 152.45, and no other changes have been made to the tabeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Soc. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the lemms of PR Notice 98-10 and CFR 152.46, this product may be involated in the product Will Be Packaging   Ves  |   |   |                | 1677-194             |                              |                                    |                     | ard               |                 |                |                                       |
| 5. Name and Address of Applicant (Include ZIP Code)  Ecotab Inc.  379 N. Wabsaha Street  \$1. Paul, MN 55102    Chack if this is a new address   Chack if this is a new address in response to the container of thems address and this is a new address of this address and address and a new address and a n | 4. Compa  | any/Product (Na                         | ame)           |                      |                              |                                    | PM#                 |                   | ŀ               | × None         | Restricted                            |
| Check if this is a new address  |   |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |
| Check if this is a new address   Product Name   |   |   | f Applicant (  | Include ZIP Code)    |                              |                                    |                     |                   |                 |                |                                       |
| Check if this is a new address  | ŀ   |   |                |                      |                              |                                    | to:                 |                   |                 | •              | and laboling                          |
| Section - II  Amendment - Explain below.  Resubmission in response to Agency letter dated _August 8, 2001   | St. Paul,   | MIN 55102                               |                |                      |                              |                                    | EPA Reg. N          | lo                | +               |                |                                       |
| Amendment - Explain below.  Resubmission in response to Agency letter datedAugust 8, 2001   |   | Check                                   | if this is a n | ew address           |                              |                                    | Product Nan         | ne                |                 |                |                                       |
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| Notification - Explain below  | Am-   | endment – Exp                           | lain below.    |                      | •                            |                                    | Fina                | al printed labels | in response to  | •              |                                       |
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| Plus. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. If urther understand that it it is notification is not consistent with the terms of PR Notice 98-10 and CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.    Section - III  |   |   |                | •                    | •                            |                                    |                     |                   |                 |                |                                       |
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| tabeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Soc. 1001 to willfully make any false statement to the EPA. If urther understand that if this notification is not consistent with the terms of PR Notice 98-10 and CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.    Section - III   |   | fication is consi                       | stent with th  | e provisions of PR   | Notice                       | 98-10 and EPA rec                  | nulations at 40     | CER 152 46 at     | nd no other ch  | anges have l   | heen made to the                      |
| In violation of FIFRA and I may be subject to enforcement action and penaltiles under sections 12 and 14 of FIFRA.    Section - III   | labeling o  | or the confidenti                       | ial statemen   | t of formula of this | produc                       | t. I understand tha                | t it is a violation | n of 18 U.S.C. S  | Sec. 1001 to w  | illfully make  | any false                             |
| 1. Material This Product Will Be Packaged In:  Child-Resistant Packaging  |   |   |                |                      |                              |                                    |                     |                   |                 | H 152.46, thi  | s product may be                      |
| Child-Resistant Packaging   |   |   |                |                      |                              |                                    |                     |                   | •               | •              |                                       |
| Child-Resistant Packaging  Yes  No  If "Yes" Unit Packaging wgt.   Container  Unit Package wgt.   Container  Unit Package wgt.   Container  Unit Package wgt.   Container  Unit Package wgt.   Container  Other (Specify)  Section - IV  1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)  Telephone No. (Include Area Coque)  Manager, North American Registrations  Certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.  Metal  Plastic  Plastic  Plastic  Container  Unit Package wgt.   Container  Unit Package wgt.   Container  Other   State   Container  Other (Specify)  Soction - IV  Telephone No. (Include Area Coque)  (651) \$55-2848  Certification  I certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.  2. Signature  I was No. Per  Unit Package wgt.   Container  Verys"  No. Per  Unit Package wgt.   Container  Other (Specify)  State   On Label Directions  Ex On Label Directions  State   On Label Directions  I contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  (651) \$55-2848  | 1. Materia  | al This Produc                          | t Will Be P    |                      |                              |                                    |                     |                   |                 |                |                                       |
| Yes   | Child-Res   | sistant Packagii                        | ng             |                      |                              |                                    |                     | e Packaging       | ¬ ··            | ntainer        |                                       |
| Section - IV   Stenciled   S    |   | Yes*                                    |                |                      |                              |                                    | 1 65                |                   |                 |                |                                       |
| Paper   Other (Specify)   Paper   Other (Specify)   On Label   On Label   On Label   On Label   On Label   Other   Other   Other   Other   Other   Other   Other   On Label       | ×   | -<br>  <sub>No</sub>                    |                | 140                  |                              |                                    | I 🔼 No              |                   |                 |                |                                       |
| Desubmitted  3. Location of Net Contents Information  4. Size(s) Retail Container  1. 5, 15, 55 gallons and 300 gallon totes  On Label    | <u> </u>  | NO                                      |                |                      | es" No. per If "Yes" No. Per |                                    |                     |                   |                 |                |                                       |
| 3. Location of Net Contents Information  4. Size(s) Retail Container 1, 5, 15, 55 gallons and 300 gallon totes  On Label On Label On Label On Labeling accompanying product  Lithograph  Section - IV  1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.) Name  Brian C. Brosdahl  Certification  I certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.  3. Fittle  4. Size(s) Retail Container 1, 5, 15, 55 gallons and 300 gallon Contacted if necessary to process this application.  Telephone No. (Include Area Code) (651) \$55-2848  Certification  Received 1 acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.  3. Fittle   |   |   | st             | Office ackaging v    | ygt. I                       | Container                          | OTIL T GONGGO       | rigi. I Oon       |                 | Other (Spe     | cify)                                 |
| Label Container  1, 5, 15, 55 gallons and 300 gallon totes  On Label On Labeling accompanying product  Lithograph  Paper glued Other  Stenciled  Section - IV  1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)  Name Brian C. Brosdahl  Title Manager, North American Registrations  Certification  I certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under application will application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or labeling accompanying product  On Labeling accompanying product  On Labeling accompanying product  Other  Stenciled  Telephone Nb. (Include Area Coge)  (651) \$253-2848  65. Date Application Page lived  1 acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under application statement may be punishable by fine or imprisonment or both under applicatio |   |   | nts Informat   | ion                  | ΤΔ                           | Size/s) Betail Cont                | ainer               | 5 Location (      | of Label Direct | lions          | · · · · · · · · · · · · · · · · · · · |
| Container    | 0. 2004.10  | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                |                      | 1, 5,                        | 15, 55 gallons and                 |                     |                   |                 |                |                                       |
| 6. Manner in Which Label is Affixed to Product    Paper glued   | یا 🗷  | abel                                    | Container      |                      | totes                        | i                                  |                     |                   |                 |                |                                       |
| Section - IV  1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)  Name  Brian C. Brosdahl  Certification  I certify that the statements which I have made on this form and all attachments are true, accurate and complete.  I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under appreciable law.  3. Fittle  Other  Certification  I certify that the statements which I have made on this form and all attachments are true, accurate and complete.  I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under appreciable law.  3. Fittle   |   |   |                |                      | <u>L</u>                     |                                    |                     | U Con La          | abeling accom   | panying proc   | luct                                  |
| Stenciled  Section - IV  1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)  Name  Brian C. Brosdahl  Title Manager, North American Registrations  Certification  I certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.  3. Fittle  Stenciled  Certification  6. Date Application  Received  1. (Stamped)   | ****  |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |
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| 1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)  Name  Title  Manager, North American Registrations  Certification  I certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under application.  3. Fittle  3. Fittle   | Stenciled   |   |                |                      |                              |                                    |                     | c                 |                 |                |                                       |
| Title Manager, North American Registrations  Certification  I certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under approach le law.  3. Fitle   |   |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |
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| I certify that the statements which I have made on this form and all attachments are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.  2. Signature  3. Fittle   | Brian C. Brosdahl Manager, North American Registrations (651) 253-2848  |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |
| I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.  2. Signature  3. Fittle   | - Description   |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |
| 2. Signature 3. Fittle  | I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or (Stamped) |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |
|   | 2. Signature 3. Fittle  |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |
| Manager, North American Registrations   |   |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |
| 3. Typed Name 4. Date   | 3. Typed Name Brian C. Brosdahl 4. Date   |   |                |                      | 1/27/03                      |                                    |                     |                   |                 |                |                                       |
| Spien C Breedehl / I 1/07/02 !  | ]   |   |                |                      |                              |                                    |                     |                   |                 |                |                                       |

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# MANDATE PLUS

# CIP Acid Sanitizer For Dairy & Food Processing Equipment

MANDATE PLUS is a non-iodine acid sanitizer for CIP and COP systems, tanks and back-flush systems

# **ACTIVE INGREDIENTS:**

| Nonanoic Acid      | 6.49 % |
|--------------------|--------|
| Decanoic Acid      | 1.09%  |
| INERT INGREDIENTS: |        |
| TOTAL:             | 100.0% |

# DANGER

# PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** CORROSIVE: Causes irreversible eye damage or skin burns. Fatal if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles or face shield(safety glasses). Wear protective clothing(long-sleeve shirt and long pants, socks plus shoes and chemical resistant gloves, such as water proof gloves). Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

#### **FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

## FOR EMERGENCY MEDICAL INFORMATION, CALL TOLL-FREE 1-800-328-0026 OUTSIDE NORTH AMERICA, CALL 1-651-222-5352

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

## **ENVIRONMENTAL HAZARDS: (5 gailons or greater)**

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollutantian Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the U.S. Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: Mix only with water following label directions. Do not mix with chlorinated cleaners or sanitizers. Toxic chlorine gas will be formed.

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## **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For Dairy and Food Processing Equipment, Tanks, Vats, Pails, Pipelines and Closed Systems-Remove all gross food particles and soil by a pre-flush or pre-scrape, and when necessary, a presoak treatment. Clean all surfaces thoroughly with proper detergents and rinse with potable water. Sanitize CIP or COP equipment by immersion, circulation or coarse spray sanitizing techniques, as appropriate. For sanitizing by immersion or circulation, use MANDATE PLUS at 0.9 to 1.1 ounces per 6 gallons (0.117 to 0.143 mL per Liter) of water. For coarse spray sanitizing, use 0.9 to 1.1 ounces per 3 gallons (0.234 to 0.286 mL per Liter) of water. All surfaces should be exposed to sanitizing solutions for a period of not less than 2 minutes. Drain thoroughly and then air dry. Regular use of MANDATE PLUS at will prevent the formation of milkstone or mineral stone on processing equipment.

Follow state and local Health Department regulations for cleaning and sanitizing food processing and dairy equipment.

**Note:** For mechanical operations repeated use solutions may not be reused for sanitizing, but may be reused for other purposes such as cleaning.

## STORAGE & DISPOSAL

### DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

**Pesticide Storage**: Keep container closed when not in use. Do not store below 0° F for extended periods.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

#### **Container Disposal:**

(1 gallon or less): Do not reuse empty containers. Wrap container and put in trash. (greater than 1 gallon): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(Tote): Verify that the tote is empty. Do not rinse or clean. Seal tote and contact Ecolab for return.

#### **Net Contents:**

1 U.S. gal (3.78 L) 5 U.S. gal (18.9 L) 15 U.S. gal (56.7 L) 55 U.S. gal (208.2 L) 300 U.S. gal (1,134 L)

EPA Reg. No. 1677-194

EPA Est.: 1677-IL-2 (J), 1677-NJ-1 (W), 1677-TX-1 (D), 1677-GA-1 (M), 1677-CA-1 (S), 1677-MN-1 (P), 1677-PR-1 (B), 3798-CA-2 (T), 37982-CA-3 (A), 11321-CA-1 (C), 1677-OH-1 (H), 1677-CA-2 (R), 1677-MO-1 (K), 1677-WV-1 (V), 303-IN-1 (L)

Ecolab Food & Beverage Division Ecolab Inc., 370 Wabasha Street N. St. Paul, Minnesota 55102-1390 U.S.A •