MONARCH ULTIMATE CONCENTRATE- iodine solution
Ecolab Inc.

Disclaimer: This drug has not been found by FDA to be safe and effective, and this labeling has not been approved by FDA. For further information about unapproved drugs, click here.

FOR COMMERCIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
NOT FOR HUMAN USE

CAUTION

Not for internal use. May cause eye irritation. If swallowed, may cause irritation, nausea, stomach distress.

PRECAUTIONARY STATEMENTS

No protective equipment is necessary under normal use conditions. If splashing may occur, eye protection is recommended.

FIRST AID

If in Eyes: Immediately flush eyes with plenty of cool, running water. Remove contact lenses; then continue flushing for at least 15 minutes, holding eyelids apart.
If Swallowed: Rinse mouth; then immediately drink 1 or 2 large glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN.
FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA, CALL: 1-800-328-0026.
FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL: 1-651-222-5352 (IN THE USA).

DIRECTIONS FOR USE

MONARCH ULTIMATE CONCENTRATE MUST BE DILUTED BEFORE USE.
DO NOT MIX WITH ANYTHING BUT COOL, POTABLE WATER.
NOTE:*Monarch Ultimate Concentrate* requires the proper dispenser for dilution. Consult your Ecolab representative for specific use instructions and recommended dispensing equipment.
Dilution Parameter: A dilute solution of a 0.5% iodine teat dip will consist of 90% potable water and 10% *Monarch Ultimate Concentrate* by volume.

Application of Diluted Monarch Ultimate Concentrate

IMPORTANT: Do not mix *Monarch Ultimate Concentrate* or diluted *Monarch Ultimate Concentrate* with any other teat dips or other products unless specified in product use instructions. If transferred from this container to any other, make sure that the other container is thoroughly pre-cleaned and bears the proper container labeling for *Monarch Ultimate Concentrate*.
If product in dip cup becomes visibly dirty, discard contents and replenish with diluted product. Do not reuse or return any unused product to the original container.
Before Milking: Wash teats thoroughly just prior to next milking with appropriate udder wash solution or pre-milking teat dip to avoid contamination of milk. Teats should then be dried with single-service towels. Use proper procedures for udder washing or pre-dipping.

Directions for Teat Dipping

Pre-Milk Dipping: Fill teat dip cup with diluted *Monarch Ultimate Concentrate*. Before each cow is

milked, dip each teat full-length into the teat dip cup containing diluted *Monarch Ultimate Concentrate*. Wipe teats dry after dipping, using single-service towels to avoid contamination of milk.
Post-Milk Dipping: Immediately after each milking, dip each teat full-length into the teat dip cup containing diluted *Monarch Ultimate Concentrate*. Allow to air dry. Do not wipe. Always use fresh, diluted *Monarch Ultimate Concentrate*. Do not turn cows out in freezing weather until teat dip is completely dry.

Directions for Teat Spraying
Pre-Milk Spraying: Before each cow is milked, spray entire teat with diluted *Monarch Ultimate Concentrate*. Wipe teats after spraying using single-service towels to avoid contamination of milk.
Post-Milk Spraying: Immediately after each milking, spray entire teat with diluted *Monarch Ultimate Concentrate*. Allow to air dry. Do not wipe. Always use fresh, diluted *Monarch Ultimate Concentrate*. Do not turn cows out in freezing weather until diluted *Monarch Ultimate Concentrate* is completely dry.
Expanded Usage: When freshening cows, begin dipping teats twice daily for about 10 days before calving.
NOTE: Use blended *Monarch Ultimate Concentrate* within six (6) months of blended date.

PRINCIPAL DISPLAY PANEL/REPRESENTATIVE LABEL

ECOLAB
42105
Net Contents: 5 U.S. gal/18.93 L

Monarch Ultimate Concentrate

Iodine Teat Dip Concentrate

An Aid in Reducing the Spread of Organisms
Which May Cause Mastitis

ACTIVE INGREDIENT:
Titratable Iodine.....4.5%
INACTIVE INGREDIENTS: 95.5%
(Contains an emollient system).

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

Monarch®

42105

Net Contents: 5 U.S. gal/18.93 L

Ultimate™ Concentrate

Iodine Teat Dip Concentrate

An Aid in Reducing the Spread of Organisms Which May Cause Mastitis

ACTIVE INGREDIENT:
Titratable Iodine.....4.5%
INACTIVE INGREDIENTS:.....95.5%
(Contains an emollient system).

FOR COMMERCIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
NOT FOR HUMAN USE

CAUTION

Not for internal use. May cause eye irritation. If swallowed, may cause irritation, nausea, stomach distress.

PRECAUTIONARY STATEMENTS

No protective equipment is necessary under normal use conditions. If splashing may occur, eye protection is recommended.

FIRST AID

If in Eyes: Immediately flush eyes with plenty of cool, running water. Remove contact lenses; then continue flushing for at least 15 minutes, holding eyelids apart.
If Swallowed: Rinse mouth; then immediately drink 1 or 2 large glasses of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.
IF IRRITATION OR DISCOMFORT PERSISTS, CALL A PHYSICIAN.
FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA, CALL: 1-800-328-0026.
FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL: 1-651-222-5352 (IN THE USA).

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

© 2003 Ecolab Inc. Made in U.S.A. 890022/5301/1103
All Rights Reserved

DIRECTIONS FOR USE

MONARCH ULTIMATE CONCENTRATE MUST BE DILUTED BEFORE USE.
DO NOT MIX WITH ANYTHING BUT COOL, POTABLE WATER.

NOTE: *Monarch Ultimate Concentrate* requires the proper dispenser for dilution. Consult your Ecolab representative for specific use instructions and recommended dispensing equipment.
Dilution Parameter: A dilute solution of a 0.5% iodine teat dip will consist of 90% potable water and 10% *Monarch Ultimate Concentrate* by volume.

Application of Diluted *Monarch Ultimate Concentrate*

IMPORTANT: Do not mix *Monarch Ultimate Concentrate* or diluted *Monarch Ultimate Concentrate* with any other teat dips or other products unless specified in product use instructions. If transferred from this container to any other, make sure that the other container is thoroughly pre-cleaned and bears the proper container labeling for *Monarch Ultimate Concentrate*.
If product in dip cup becomes visibly dirty, discard contents and replenish with diluted product. Do not reuse or return any unused product to the original container.
Before Milking: Wash teats thoroughly just prior to next milking with appropriate udder wash solution or pre-milking teat dip to avoid contamination of milk. Teats should then be dried with single-service towels. Use proper procedures for udder washing or pre-dipping.

Directions for Teat Dipping

Pre-Milk Dipping: Fill teat dip cup with diluted *Monarch Ultimate Concentrate*. Before each cow is milked, dip each teat full-length into the teat dip cup containing diluted *Monarch Ultimate Concentrate*. Wipe teats dry after dipping, using single-service towels to avoid contamination of milk.
Post-Milk Dipping: Immediately after each milking, dip each teat full-length into the teat dip cup containing diluted *Monarch Ultimate Concentrate*. Allow to air dry. Do not wipe. Always use fresh, diluted *Monarch Ultimate Concentrate*. Do not turn cows out in freezing weather until teat dip is completely dry.

Directions for Teat Spraying

Pre-Milk Spraying: Before each cow is milked, spray entire teat with diluted *Monarch Ultimate Concentrate*. Wipe teats after spraying using single-service towels to avoid contamination of milk.
Post-Milk Spraying: Immediately after each milking, spray entire teat with diluted *Monarch Ultimate Concentrate*. Allow to air dry. Do not wipe. Always use fresh, diluted *Monarch Ultimate Concentrate*. Do not turn cows out in freezing weather until diluted *Monarch Ultimate Concentrate* is completely dry.
Expanded Usage: When freshening cows, begin dipping teats twice daily for about 10 days before calving.
NOTE: Use blended *Monarch Ultimate Concentrate* within six (6) months of blended date.

MONARCH ULTIMATE CONCENTRATE

iodine solution

Product Information

Product Type	OTC ANIMAL DRUG	**Item Code (Source)**	NDC:47593-202
Route of Administration	TOPICAL	**DEA Schedule**	

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
IODINE (UNII: 9679TC07X4) (IODINE - UNII:9679TC07X4)	IODINE	51.2 mg in 1 mL

Inactive Ingredients

Ingredient Name	Strength

WATER (UNII: 059QF0KO0R)	
GLYCERIN (UNII: PDC6A3C0OX)	
PROPYLENE GLYCOL (UNII: 6DC9Q167V3)	

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:47593-202-16	18930 mL in 1 PAIL		
2	NDC:47593-202-21	208200 mL in 1 DRUM		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug other		06/29/1999	

Labeler - Ecolab Inc. (006154611)

Revised: 11/2012 Ecolab Inc.