

**DUET CLEAR ACTIVATOR- duet clear solution
IBA**

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.

**DUET CLEAR A CONCENTRATED SANITIZING PRE-MILKING AND POST-MILKING
TEAT DIP
A HIGHLY EFFECTIVE GERMICIDAL NON-IODINE FORMULATION CONTAINING
DUAL EMOLLIENTS FOR ENHANCED SKIN CONDITIONING
FOR USE ONLY WITH DUET BASE**

ACTIVE INGREDIENT

Phosphoric Acid 9.9%
Lactic Acid 2.2%
Total Organic and inorganic acids.....12.10%

INERT INGREDIENTS:

CONTAINS A SPECIAL EMOLLIENT SYSTEM,SURFACTANTS, AND WATER

INDICATIONS AND USAGE

MIXING DIRECTIONS:

1. It is recommended to wear nitrile or rubber gloves when handling this concentrate to avoid staining hands.
2. Always mix solutions into clean, well labeled, non-metallic, empty container.
3. Fill empty container with proper amount of cold, soft water.
4. Add proper amount of DUET CLEAR Base to container as directed.
5. Add proper amount of DUET CLEAR Activator to container as directed. Mix until the color is uniform throughout.
6. Mix in a well ventilated area and avoid breathing fumes.
7. Use mixed solution within 12hrs.
8. When DUET CLEAR BASE and DUET CLEAR ACTIVATOR are mixed properly according to label directions a solution of acidified sodium chlorite is achieved in the ready to use product.

DUET MIXING GUIDE

Ready-To-Use Volume Desired (oz)	Duet Activator (oz)	Target PPM ACIDIFIED SODIUM CHLORITE Duet Base (oz)	Water			
1 Gallon/3.8Liters		1500	120	4		4
		3000	112	8		8
1 Quart/.95 Liters		1500	30	1	1	
		3000	28	2		2

RECOMMENDED PROCEDURES FOR TEAT SANITATION

A. PRE-MILKING (PRE-DIPPING)

1. REMOVE VISIBLE SOILS FROM THE TEATS.
2. OBSERVE FOREMILK BY STRIPPING TWO OR THREE STREAMS OF MILK INTO A STRIP CUP.
3. DIP, FOAM or SPRAY THE COW'S TEATS FULL LENGTH WITH **READY-TO-USE DUET CLEAR TEAT DIP**.
4. WAIT APPROXIMATELY 15-30 SECONDS.
5. REMOVE ALL TEAT DIP BY THOROUGHLY DRYING THE TEATS AND TEAT ORIFICES AND UDDER (IF SPRAYING), WITH A CLEAN, SINGLE SERVICE PAPER TOWEL(S).
6. ATTACH MILKING UNIT

B. POST-MILKING (POST DIPPING)

Immediately after milking dip, foam or spray all teats full length with **READY-TO-USE DUET CLEAR TEAT DIP. Ensure good coverage of all sides of the teats and**

teat orifices. Allow to dry. Do not wipe. Do not turn cows out in freezing weather until teat dip is completely dry.

WARNING

1. Use teat dip applicators made of plastic or other non-corrosive materials. Do not use cups made of aluminum.
2. When solution in the teat dip cup becomes dirty discard remaining contents and refill cup with fresh teat dip.
3. Do not use this product for cleaning or sanitizing equipment.
4. Wash teat dip cups after each milking.
5. Protect this product from freezing.

FIRST AID PROCEDURES

Keep out of children. Read label before use. Do not breath fumes/gas/mist/vapors or spray. Do not get in eyes, on skin, or on clothing. Wear rubber gloves, chemical goggles, face shield and rubber apron. Wash hands thoroughly after handling. **Take any precaution to avoid mixing with chlorinated or ammoniated products. Do not mix with any other chemicals.**

IF IN EYES: RINSE CAUSTIOUSLY WITH FRESH,TEPID WATER FOR SEVERAL MINUTES.REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO. CONTINUE RINSING FOR 15 MINUTES. GET IMMEDIATE MEDICAL ADVICE/ATTENTION.

IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING.GET IMMEDIATE MEDICAL ADVISE/ATTENTION.

IF ON SKIN: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING.WASH SKIN WITH PLENTY OF WATER FOR 15 MINUTES. IF SKIN IRRITATION OCCURS,GET MEDICAL ADVICE/ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE.

IF INHALED: IF BREATHING IS DIFFICULT,REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. IF EXPERIENCING RESPIRATORY SYMPTOMS GET MEDICAL ADVICE/ATTENTION IMMEDIATELY.

ALWAYS SEEK IMMEDIATE MEDICAL ATTENTION FOR MEDICAL EMERGENCIES CALL 1-800-424-9300

DUET CLEAR ACTIVATOR

NDC 29983-0113-4

NPE FREE **DUET CLEAR** **NPE FREE**

A CONCENTRATED SANITIZING PRE-MILKING AND POST-MILKING TEAT DIP
A Highly Effective Germicidal Non-Iodine Formulation Containing Dual Emollients For Enhanced Skin Conditioning

ACTIVE INGREDIENTS:
Phosphoric Acid 9.90%
Lactic Acid 2.25%
Total organic and inorganic acids 12.15%

INERT INGREDIENTS:
Contains A Special Emollient System, Surfactants and Water

MIXING DIRECTIONS
1. It is recommended to wear sterile or rubber gloves when handling this concentrate.
2. Always mix solutions into a clean, well labeled, non-metallic, empty container.
3. Fill empty container with proper amount of cold, soft water.
4. Add proper amount of DUET CLEAR Base to container as directed.
5. Mix well.
6. Mix in well ventilated area and avoid breathing fumes.
7. Use mixed solution within 12 hours.
8. When DUET CLEAR Base and DUET CLEAR Activator are mixed properly according to label directions a solution of acidified sodium chlorite is achieved as the ready-to-use product.

DUET CLEAR MIXING GUIDE

READY-TO-USE VOLUME DESIRED	TARGET PPM ACIDIFIED SODIUM CHLORITE	DUET CLEAR ACTIVATOR			DUET CLEAR BASE		
		WATER	DUET CLEAR ACTIVATOR	DUET CLEAR BASE	WATER	DUET CLEAR ACTIVATOR	DUET CLEAR BASE
1 GALLON / 3.8 LITERS	1500	120	4	4	112	8	8
1 QUART / 0.95 LITERS	1500	30	1	1	28	2	2
95 LITERS	3000	25	2	2			

RECOMMENDED PROCEDURES FOR TEAT SANITATION

A. PRE-MILKING (PRE-DIPPING)
1. Remove visible milk from the teats.
2. Observe foremilk by stopping two or three streams of milk into a strip cup.
3. Dip, foam or spray the cow's teats full length with **READY-TO-USE DUET CLEAR TEAT DIP**.
4. Wait at least 15-30 seconds.
5. Remove all teat dip by thoroughly drying the teats, teat orifices and udder with a clean, single service paper towel(s) to avoid contamination of milk.
6. Attach milking unit.

B. POST-MILKING (POST-DIPPING)
Immediately after milking, dip, foam or spray all teats full length with **READY-TO-USE DUET CLEAR TEAT DIP**. **Ensure good coverage of all sides of the teats and teat orifices.** Allow to dry. Do not wipe. Do not turn cows out in freezing weather until teat dip is completely dry.

FOR USE ONLY WITH DUET CLEAR BASE

WARNING
1. Use teat dip applicators made of plastic or other non-corrosive materials. Do not use cups made of aluminum.
2. When solution in the teat dip cup becomes dirty discard remaining contents and refill cup with fresh teat dip.
3. Do not use this product for cleaning or sanitizing equipment.
4. Wash teat dip cups after each milking.
5. Protect this product from freezing.

DANGER
DUET CLEAR Activator CONCENTRATE causes severe skin burns and eye damage.
Harmful if swallowed.
May be corrosive to metals.

Keep out of reach of children. Read label before use. Do not breath fumes/gas/mist/vapors or spray. Do not get in eyes, on skin, or on clothing. Wear rubber gloves, chemical goggles, face shield and rubber apron. Wash hands thoroughly after handling. **Take any precaution to avoid mixing with chlorinated or ammoniated products. Do not mix with any other chemicals.**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing for 15 minutes. Get immediate medical advice/attention.

IF SWALLOWED: Rinse mouth. Do not induce vomiting. Get immediate medical advice/attention.

IF ON SKIN: Immediately remove all contaminated clothing. Wash skin with plenty of water for 15 minutes. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms get medical advice/attention immediately.

MEDICAL AND TRANSPORTATION EMERGENCIES contact CHEMTREC 1-800-424-9300

A PART OF THE COMPLETE IBA SANITATION PROGRAM
UN 3084 Corrosive liquid, Acidic, Inorganic, n.o.s. (Phosphoric Acid, Lactic Acid, & PG) II

EXP. DATE: LOT NO.: NET CONTENTS: 5 GALLONS IBA STOCK # 161976 924E

MANUFACTURED EXCLUSIVELY FOR IBA INC., SANITATION DIVISION, 103 GILMORE DRIVE, SUTTON, MA 01590

DUET CLEAR ACTIVATOR

duet clear solution

Product Information

Product Type	OTC ANIMAL DRUG	Item Code (Source)	NDC:29983-0113
Route of Administration	TOPICAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
LACTIC ACID (UNII: 33X04XA5AT) (LACTIC ACID - UNII:33X04XA5AT)	LACTIC ACID	22 g in 1 L
PHOSPHORIC ACID (UNII: E4GA8884NN) (PHOSPHORIC ACID - UNII:E4GA8884NN)	PHOSPHORIC ACID	99 g in 1 L

Inactive Ingredients

Ingredient Name	Strength
BENZENESULFONIC ACID (UNII: 685928Z18A)	
GLYCERIN (UNII: PDC6A3C0OX)	
SODIUM HYDROXIDE (UNII: 55X04QC32I)	
TRIETHANOLAMINE (UNII: 9O3K93S3TK)	

Product Characteristics

Color	blue	Score	
Shape		Size	
Flavor		Imprint Code	
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:29983-0113-4	18.9 L in 1 DRUM		
2	NDC:29983-0113-2	3.78 L in 1 PACKAGE		
3	NDC:29983-0113-6	56.7 L in 1 DRUM		
4	NDC:29983-0113-8	207.9 L in 1 DRUM		
5	NDC:29983-0113-9	1039.5 L in 1 DRUM		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug other		04/18/2023	

Labeler - IBA (019494160)

Revised: 12/2024

IBA