

## **DUET ACTIVATOR- phosphoric acid liquid 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](#).*

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### **Duet Activator**

#### **Active Ingredients**

Phosphoric Acid 9.9%

Lactic Acid 2.2%

#### **Inert Ingredients**

Contains a special emollient system, surfactants, dye & water

#### **Mixing Directions**

1. It is recommended to wear nitrile or rubber gloves when handling a concentrate to avoid staining hands.
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 Base to container as directed.
5. Add proper amount of Duet 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 12 hours.
8. When Duet Base and Duet Activator are mixed properly, according to the label directions, a solution of acidified sodium chlorite is achieved in the ready-to-use product.

### **Recommended Procedures for Teat Dip 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 or spray the cow's teats full length with Ready-to-Use Duet Teat Dip.
4. Wait at least 15-30 seconds.
5. Remove all teat dip by thoroughly drying the teats, test orifices & 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 or spray all teats full length with Ready-to-Use Duet 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.

## **Danger**

Causes severe skin burns & eye damage.

Harmful if swallowed.

May be corrosive to metals.

## **First Aid**

**If in Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses if present & 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 with plenty of water for 15 minutes. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before use.

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

## **Caution**

Keep out of reach of children.

## **Duet Activator**

## A concentrated sanitizing pre-milking & post-milking teat dip

NDC 29983-1091-6

THE  
SHIELD  
OF

IBA

QUALITY  
AND  
VALUE

NPE  
FREE

DUET

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..... 2.20%  
Total organic and inorganic acids..... 12.10%

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

**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 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 Base to container as directed.  
5. Add proper amount of DUET 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 12 hours.  
8. When DUET BASE and DUET 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	TARGET PPM ACIDIFIED SODIUM CHLORITE	WATER OZ.	DUET ACTIVATOR OZ.	DUET BASE OZ.
1 GALLON / 3.8 LITERS	1500 3000	120 112	4 8	4 8
1 QUART / .95 LITERS	1500 3000	30 28	1 2	1 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 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 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.

**ACTIVATOR**  
**FOR USE ONLY WITH**  
**DUET**  
**BASE**

An Aid In The Prevention Of New Intramammary Infections

Dip

Foam

Spray

**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 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 3264 Corrosive liquid, Acidic, Inorganic, n.o.s. (Phosphoric Acid, Lactic Acid), 8, PG III      EXP. DATE:      LOT NO.:      NET CONTENTS: 15 GALLONS      IBA STOCK # 260995      423W

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

## DUET ACTIVATOR

phosphoric acid liquid

### Product Information

Product Type	OTC ANIMAL DRUG	Item Code (Source)	NDC:29983-1091
Route of Administration	TOPICAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>PHOSPHORIC ACID</b> (UNII: E4GA8884NN) (PHOSPHORIC ACID - UNII:E4GA8884NN)	PHOSPHORIC ACID	9.9 kg in 100 kg
<b>LACTIC ACID</b> (UNII: 33X04XA5AT) (LACTIC ACID - UNII:33X04XA5AT)	LACTIC ACID	2.2 kg in 100 kg

## Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:29983-1091-6	69.2 kg in 1 DRUM		
2	NDC:29983-1091-8	253.75 kg in 1 DRUM		
3	NDC:29983-1091-9	1268.75 kg in 1 CONTAINER		
4	NDC:29983-1091-2	4.61 kg in 1 BOTTLE		

## Marketing Information

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

**Labeler -** IBA (019494160)

**Registrant -** IBA (019494160)

## Establishment

Name	Address	ID/FEI	Business Operations
Morgan Gallacher Inc. DBA in Custom Chemical Formulators Inc.		028311595	manufacture, api manufacture, pack

Revised: 11/2024

IBA