

## **DUET BASE- sodium chlorite 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.*

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## **DUET A CONCENTRATED SANITIZING PRE-MILKING AND POST MILKING TEAT DIP A HIGHLY EFFECTIVE GERMICIDAL NON-IODINE FORMULATION**

### **ACTIVE INGREDIENT**

Contains 6.25% Sodium Chlorite 80%

(PROVIDES A FULL 5% AVAILABLE SODIUM CHLORITE).....5%

### **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 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.

### **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 or Spray the cow's teats full length with **READY-TO-USE DUETTEAT 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

## **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.

## **FIRST AID PROCEDURES**

**Keep out of reach of children. Read label before use. Do not breathe 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 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 SWALLOWED:** DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DRINK LARGE AMOUNTS OF WATER. IF VOMITING OCCURS, KEEP AIRWAYS OPEN. KEEP HEAD LOWER THAN THE HIPS TO PREVENT ASPIRATION INTO THE LUNGS. GET IMMEDIATE MEDICAL ADVISE/ATTENTION.

**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 BASE**

NDC 29983-0106-4



**NPE FREE**

# DUET

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**A CONCENTRATED SANITIZING PRE-MILKING AND POST-MILKING TEAT DIP**  
**A HIGHLY EFFECTIVE GERMICIDAL NON-IODINE FORMULATION**

**ACTIVE INGREDIENT:**  
 Contains 6.25% Sodium Chlorite 80%  
 (Provides A Full 5% Available Sodium Chlorite).....5%

**INERT INGREDIENTS:**  
 Stabilizers and Water

- MIXING DIRECTIONS**
- It is recommended to wear nitrile or rubber gloves when handling this concentrate to avoid staining hands.
  - Always mix solutions into a clean, well labeled, non-metallic, empty container.
  - Fill empty container with proper amount of cold, soft water.
  - Add proper amount of DUET Base to container as directed.
  - Add proper amount of DUET Activator to container as directed. Mix until the color is uniform throughout.
  - Mix in a well ventilated area and avoid breathing fumes.
  - Use mixed solution within 12 hours.
  - 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	DUET ACTIVATOR	DUET BASE
1 GALLON / 3.8 LITERS	1500 3000	0Z 120 112	0Z 4 8	0Z 4 8
1 QUART / 95 LITERS	1500 3000	30 28	1 2	1 2

**RECOMMENDED PROCEDURES FOR TEAT SANITATION**

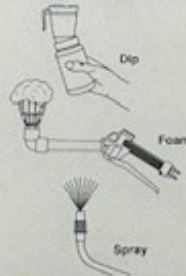
**A. PRE-MILKING (PRE-DIPPING)**

- Remove visible soils from the teats.
- Observe foremilk by stripping two or three streams of milk into a strip cup.
- Dip, foam or spray the cow's teats full length with **READY-TO-USE DUET TEAT DIP**.
- Wait at least 15-30 seconds.
- 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.
- 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.

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



**WARNING**

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

**DANGER**

Duet Base **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 3266, Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide), 8, PG II

EXP. DATE:

LOT NO.:

NET CONTENTS: 5 GALLONS

IBA STOCK # 161992

523E

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

## DUET BASE

sodium chlorite solution

### Product Information

<b>Product Type</b>	OTC ANIMAL DRUG	<b>Item Code (Source)</b>	NDC:29983-0106
<b>Route of Administration</b>	TOPICAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>SODIUM CHLORITE</b> (UNII: G538EBV4VF) (CHLORITE ION - UNII:Z63H3745B6)	SODIUM CHLORITE	5 g in 1 L

### Product Characteristics

<b>Color</b>	white (CLEAR)	<b>Score</b>	
<b>Shape</b>		<b>Size</b>	
<b>Flavor</b>		<b>Imprint Code</b>	
<b>Contains</b>			

## Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:29983-0106-4	18.9 L in 1 DRUM		
2	NDC:29983-0106-6	56.7 L in 1 DRUM		
3	NDC:29983-0106-8	207.9 L in 1 DRUM		
4	NDC:29983-0106-9	1039.5 L in 1 DRUM		

## Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug other		05/03/2023	

**Labeler** - IBA (019494160)

Revised: 5/2023

IBA