

1x (Post-Milking) - Barrier (Post-Milking) Teat Dips

Safety Data Sheet

SECTION 1: Identification

1.1. Identification

Product name : 1x (Post-Milking) - Barrier (Post-Milking) Teat Dips

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Teat Dip (Post- Milking Antimicrobial / Disinfectant)

1.3. Details of the supplier of the safety data sheet

ABS Corporation
7031 N 16th St
Omaha, NE 68112

1.4. Emergency telephone number

Emergency number : 402-453-6970

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin Irrit. 2 H315
Eye Irrit. 2 H319

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



GHS07

Signal word (GHS US) :

Warning

Hazard statements (GHS US) :

H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements (GHS US) :

P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - If on skin: Wash with plenty of water
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment (see supplemental first aid instruction on this label)
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Water	(CAS-No.) 7732-18-5	Trade Secret	Not classified
Glycerin	(CAS-No.) 56-81-5	Trade Secret	Not classified
Phenol	(CAS-No.) 108-95-2	Trade Secret	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302

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Name	Product identifier	%	GHS US classification
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives	(CAS-No.) 85536-14-7	Trade Secret	Acute Tox. 4 (Oral), H302
Benzene, C10-13-alkyl derivatives	(CAS-No.) 67774-74-7	Trade Secret	Not classified
Sulfuric acid	(CAS-No.) 7664-93-9	Trade Secret	Carc. 1A, H350

Full text of hazard classes and H-statements : see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : IF exposed or concerned: Get medical advice/attention.
- First-aid measures after inhalation : Remove patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if irritation persists.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Remove any contact lenses. Immediately flush eyes with water for at least 15 minutes. Lift eyelids occasionally. If condition worsens or irritation persists, get medical attention immediately.
- First-aid measures after ingestion : Do not induce vomiting. If conscious, drink large quantities of water to dilute. Get immediate medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/effects after inhalation : Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma.
- Symptoms/effects after skin contact : Causes severe skin irritation. Harmful if absorbed through the skin. Direct, prolonged skin contact results in burns. Phenol solutions may be absorbed through the skin rapidly to cause systemic poisoning and possibly death.
- Symptoms/effects after eye contact : Contact with liquid or vapor may cause severe burns and possible irreversible eye damage
- Symptoms/effects after ingestion : Causes digestive tract burns with immediate pain, swelling of the throat, convulsions, and possible coma..

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Advice for firefighters

- Protection during firefighting : As in any fire, wear self-contained breathing apparatus (pressuredemand, MSHA/NIOSH approved or equivalent) and full protective gear. Equipment should be thoroughly decontaminated after use.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Ventilate the area of the leak or spill. Cover with sand and shovel or sweep up bulk of spilled material in a manner that minimizes spread. Place recovered material in a suitable container. After removing all possible material, wash the contaminated surface with water to thoroughly clean the surface.

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Other information : Dispose of all empty containers, contaminated products, debris, and clean up materials in accordance with applicable Federal, state or local procedures. Do not reuse containers.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed. Keep out of reach of children. Do not store in direct sunlight. Avoid excessive heat.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Water (7732-18-5)		
Not applicable		
Phenol (108-95-2)		
ACGIH	ACGIH TWA (ppm)	5 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	19 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	5 ppm
IDLH	US IDLH (ppm)	250 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	19 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	5 ppm
NIOSH	NIOSH REL (ceiling) (mg/m ³)	60 mg/m ³
NIOSH	NIOSH REL (ceiling) (ppm)	15.6 ppm
Glycerin (56-81-5)		
OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (mist, total particulate) 5 mg/m ³ (mist, respirable fraction)
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)		
Not applicable		
Benzene, C10-13-alkyl derivatives (67774-74-7)		
Not applicable		
Sulfuric acid (7664-93-9)		
ACGIH	ACGIH TWA (mg/m ³)	0.2 mg/m ³ (thoracic particulate matter)
OSHA	OSHA PEL (TWA) (mg/m ³)	1 mg/m ³
IDLH	US IDLH (mg/m ³)	15 mg/m ³
NIOSH	NIOSH REL (TWA) (mg/m ³)	1 mg/m ³

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Hand protection : Protective gloves.
Eye protection : Wear ventilated safety glasses or chemical goggles.
Skin and body protection : Wear suitable protective clothing.
Respiratory protection : Wear respiratory protection if workplace exposure limits may be exceeded.
Environmental exposure controls : Avoid release to the environment.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Blue
Odor	: Mildly antiseptic
Odor threshold	: No data available
pH	: 7.5 - 8.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.007 - 1.2 g/ml
Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid elevated temperatures. Avoid direct sunlight.

10.5. Incompatible materials

Strong oxidizing agents, halogens, and calcium hypochlorite.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Water (7732-18-5)	
LD50 oral rat	> 90 ml/kg
Phenol (108-95-2)	
LD50 oral rat	340 mg/kg
LD50 dermal rabbit	630 mg/kg

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Phenol (108-95-2)	
ATE US (oral)	317 mg/kg
ATE US (dermal)	630 mg/kg

Glycerin (56-81-5)	
LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	> 10 g/kg
LC50 inhalation rat (mg/l)	> 570 mg/m ³ (Exposure time: 1 h)
ATE US (oral)	12600 mg/kg

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)	
LD50 oral rat	1219 mg/kg
ATE US (oral)	1219 mg/kg body weight

Benzene, C10-13-alkyl derivatives (67774-74-7)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 10200 mg/kg

Sulfuric acid (7664-93-9)	
LD50 oral rat	2140 mg/kg
LC50 inhalation rat (mg/l)	85 - 103 mg/m ³ (Exposure time: 1 h)
ATE US (oral)	2140 mg/kg

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

Phenol (108-95-2)	
IARC group	3 - Not classifiable

Sulfuric acid (7664-93-9)	
IARC group	1 - Carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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Phenol (108-95-2)	
LC50 fish 1	11.9 - 50.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	4.24 - 10.7 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	20.5 - 25.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	10.2 - 15.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Glycerin (56-81-5)	
LC50 fish 1	51 - 57 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)	
LC50 fish 1	5.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])
EC50 Daphnia 1	5.2 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Benzene, C10-13-alkyl derivatives (67774-74-7)	
EC50 Daphnia 1	0.009 - 0.08 mg/l (Exposure time: 48 h - Species: Daphnia magna)

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Sulfuric acid (7664-93-9)

LC50 fish 1	> 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Phenol (108-95-2)

BCF fish 1	(no significant bioaccumulation)
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Log Pow	1.5
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Glycerin (56-81-5)

BCF fish 1	(no bioaccumulation)
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Log Pow	-1.76
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Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)

Log Pow	2 (at 23 °C)
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Benzene, C10-13-alkyl derivatives (67774-74-7)

BCF fish 1	35
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Sulfuric acid (7664-93-9)

BCF fish 1	(no bioaccumulation)
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Water (7732-18-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Phenol (108-95-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on the United States SARA Section 302

Subject to reporting requirements of United States SARA Section 313

CERCLA RQ	1000 lb
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SARA Section 302 Threshold Planning Quantity (TPQ)	500 - 10000 lb
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SARA Section 313 - Emission Reporting	1 %
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Glycerin (56-81-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivatives (85536-14-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag	PMN - PMN - indicates a commenced PMN substance.
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Benzene, C10-13-alkyl derivatives (67774-74-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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Sulfuric acid (7664-93-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on the United States SARA Section 302
Subject to reporting requirements of United States SARA Section 313

CERCLA RQ	1000 lb
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 lb
SARA Section 313 - Emission Reporting	1 % (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size)

15.2. US State regulations

Phenol (108-95-2)

U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Glycerin (56-81-5)

U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Sulfuric acid (7664-93-9)

U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Carc. 1A	Carcinogenicity Category 1A
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Flam. Liq. 4	Flammable liquids Category 4
Skin Irrit. 2	Skin corrosion/irritation Category 2
H227	Combustible liquid
H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H350	May cause cancer

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.