

MATERIAL SAFETY DATA SHEET

PRODUCT CODE NUMBER: 7821A

POSTYME INC.
5-DAY BLISTER

DATE: 4/01/98

PRODUCT NAME:

SECTION I	
MANUFACTURER'S NAME POSTYME INC.	EMERGENCY TELEPHONE NO. 800-858-6856
ADDRESS 936 GOLDEN PRADOS, DIAMOND BAR, CA 91765	
CHEMICAL NAME AND SYNONYMS EQUINE COUNTER-IRRITANT	FORMULA MULTICOMPONENT LIQUID

SECTION II HAZARDOUS INGREDIENTS

PRINCIPAL HAZARDOUS COMPONENT (S)	CAS #	% BY WEIGHT	ORAL LD ₅₀	DERMAL LD ₅₀	TLV (Units)		
					ACGIH	OSHA	OTHER
CHEMICAL NAME n-Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	10	280-880 mg/kg	> 2g/kg	None Listed	None Listed	N/A
COMMON NAME Benzalkonium Chloride							
CHEMICAL NAME							
COMMON NAME							
CHEMICAL NAME							
COMMON NAME							
CHEMICAL NAME							
COMMON NAME							

SECTION III PHYSICAL DATA

BOILING POINT (°F)	Similar to Water	SPECIFIC GRAVITY (H ₂ O = 1)	1.040
VAPOR PRESSURE (mmHg.)	Similar to Water	PERCENT VOLATILE BY VOLUME (%)	< 5
VAPOR DENSITY (AIR=1)	Similar to Water	pH (1% Solution)	9.5 - 10.0
SOLUBILITY IN WATER	Complete	OTHER	N/A
APPEARANCE AND ODOR	RED liquid with chemical odor		

N/A = Not applicable < = Less than > = Greater than

While this information and recommendations set forth herein are believed to be accurate as of the date hereof, POSTYME INC. MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)

Product is not flammable or combustible.

EXTINGUISHING MEDIA

Product is not flammable or combustible. Use media appropriate for the primary source of fire.

SPECIAL FIRE FIGHTING PROCEDURES

Use caution when fighting any fire involving chemicals. Wear self-contained breathing apparatus in the event of a fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

SECTION V HEALTH HAZARD DATA

EFFECT OF OVEREXPOSURE

A. ACUTE

1. INGESTION

This product and product solutions may be considered moderately to slightly toxic if ingested. The acute oral LD₅₀ (rats) for the product was reported as 2.59 g/kg. Ingestion of the product may result in irritation, swelling, or burns of the mouth, throat and stomach. Pain, nausea and vomiting as well as muscular weakness, difficulty in breathing, and depressed respiration may also result.

2. INHALATION

Inhalation of product mists or vapors may result in irritation of the nose, throat and lungs. Difficulty in breathing has been reported as a result of occupational exposure to benzalkonium chloride.

3. DERMAL EXPOSURE

a. TOXIC

(Primary Route of Exposure)

This product would not be expected to be toxic if absorbed through the skin. The dermal LD₅₀ for rats was reported as 3.8 g/kg.

b. IRRITATION

This product may result in irritation upon contact with the skin. The primary irritation index (rabbits) was reported as 2.50, indicating mild to moderate irritancy potential.

c. SENSITIZATION

Cases of allergic contact dermatitis have been reported as a result of exposures to some benzalkonium chloride compounds. However, no allergic skin response would be anticipated as a result of exposure to this product or product solutions.

4. EYE IRRITATION

This product may result in irritation or severe damage on contact with the eye. The seven-day average irritation score for washed eyes (rabbit) was 67.7/110.

B. SUBCHRONIC, CHRONIC, OTHER

No data were available to indicate that this product may result in additional adverse health effects with chronic or subchronic exposure.

FIRST AID

A. EYE

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical aid.

B. SKIN

In case of contact, immediately flush with plenty of water for at least 15 minutes. If irritation develops, seek medical aid.

C. INGESTION

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Seek medical aid immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measurements against circulatory shock, respiratory depression and convulsion may be needed.

D. INHALATION

Not applicable

SECTION VI REACTIVITY DATA

STABILITY	STABLE	X	CONDITIONS TO AVOID	Unknown
	UNSTABLE			

INCOMPATIBILITY (Materials to Avoid) Strong acids or oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS Unknown

SECTION VII SPILL OR LEAK PROCEDURES

REPORTABLE QUANTITIES (RQ) IN LBS OF EPA HAZARDOUS SUBSTANCES IN PRODUCT	N/A	NOTIFY EPA OF PRODUCT SPILLS EQUAL TO OR EXCEEDING
1. _____	_____	N/A LBS.
2. _____	_____	
3. _____	_____	

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Dike area to contain as much spilled material as possible. Absorb on suitable material and place in a sealed container for disposal. Keep out of sewers, drains, surface waters, and soil.

WASTE DISPOSAL METHOD Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container. Wastes resulting from the use of this product may be disposed of on site or at an appropriate waste disposal facility. Dispose of in accordance with all federal, state and local regulations.

SECTION VIII HANDLING & STORAGE

PROTECTIVE GLOVES	Rubber gloves	EYE PROTECTION	Chemical splash goggles
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OTHER PROTECTIVE CLOTHING Not required

RESPIRATORY PROTECTION If mists or vapors are generated, use NIOSH-approved respirator

VENTILATION	LOCAL EXHAUST	Recommended	OTHER	N/A
	MECHANICAL (General)	Recommended		

STORAGE & HANDLING

DANGER!
KEEP OUT OF REACH OF CHILDREN
Corrosive.
 Causes eye damage and skin irritation.
 Do not get in eyes, on skin or on clothing.
 Protect eyes and skin when handling.
 Harmful if swallowed.
 Avoid contamination of food.
 Remove and wash contaminated clothing before reuse.
 Do not contaminate water, food or feed by storage or disposal.
 Do not use disinfectant cleaner/deodorizer with soap or other detergents.
 Wash thoroughly after handling.

OTHER PRECAUTIONS

None