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## MATERIAL SAFETY DATA SHEET

Revision Number: 1.0  
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### I. Identification

Product name: Swine Sanitizer  
CAS Number: N/A  
Catalog number: 7000-0000-01

### II. Composition, Information on Ingredients

The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret. This mixture contains no suspected carcinogens as reported by NTP, ACGIH, OSHA or IARC at 0.1% concentration or greater. One or more of the components present in greater than 1% concentration may present the following health effects based on evaluation of the individual components.

May cause eye, skin or respiratory irritation

Reportable Components:

Compound	CAS Registry No.	Composition % (vol.)
Benzalkonium chloride	8001-54-5	8.0%
Propylene glycol	57-55-6	3.0%

### III. Health Hazard Data

Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, . Hazardous in case of skin contact (corrosive, permeator). Slightly hazardous in case of eye contact (corrosive), of inhalation (lung sensitizer). Liquid or spray mist may produce tissue damage particularly on mucous membranes of eyes, mouth and respiratory tract. Skin contact may produce burns. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Carcinogenic Effects Data: Not available.

Chronic Effects of Overexposure: Not available.

Vapor pressure (mm Hg): N/A

Solubility in water: Liquids readily miscible in water.

### IV. Emergency and First Aid Procedures

Swallowing: If any component of this kit is swallowed, wash mouth out with water, provided person is conscious. Get medial attention.

Skin: If any component of this contacts the skin, immediately wash skin with soap and copious amounts of water.

Inhalation: If any component of this kit is inhaled, remove to fresh air. If not breathing, perform CPR and get immediate medical attention.

Eyes: If any component of this contacts the eyes, flush the eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Consult a physician.

## **V. Fire and Explosion Hazard Data**

Flammability: May be combustible at high temperature.

Flash points: Not available.

Extinguishing media: Use dry chemical carbon dioxide, foam or dry chemical.

Special fire fighting procedures: Wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.

Unusual fire and explosion hazards: None known.

## **VI. Physical Data**

Physical State and Appearance: clear solution

Boiling point: The lowest value is 100 °C (Water)

Vapor pressure: not available

Vapor density: not available

Specific gravity: not available

Melting Point: not available

Evaporation Rate: not available

Solubility in water: solutions are dilutable

## **VII Stability/Reactivity**

Stability and Reactivity: The product is stable.

Conditions to avoid: not available.

Materials to avoid: not available.

Hazardous Decomposition products: not available.

## **VIII. Toxicology Information**

Acute oral toxicity (LD50): 1412 mg/kg (Rat), LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: May cause slight irritation in case of eye contact or inhalation.

## **IX. Spill and Leak Procedures**

Waste Disposal Method: Waste must be disposed of in accordance with federal, state and local environmental control.

The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. Research International, Inc. shall not be held liable for any damage resulting from handling or contact with the above product.