

Supplied By:



4801 W. Vernal Pike  
Bloomington, IN 47404  
1-800-734-4133

# Material Safety Data Sheet

**EMERGENCY PHONE:**  
**1-800-535-5053**

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

## Section 1: Product Identification

**Product Name:** STAPHLESS 2  
**Product Number:** H128A & K603  
**Product Use:** Sanitizer for 3rd Sink or Spray

**DOT Classification:** Not Regulated  
**Proper Shipping Name:** Not Regulated  
**UN# or NA#:** N/A

1 Health	Hazard Rating	H.M.I.S  Abbreviation Key: N.A.-Not Applicable N.E.-Not Established N.D.-Not Determined
0 Fire	4=Extreme	
0 Reactivity	3=High	
Maximum Personal Production	2=Moderate	
	1=Slight	
	0=Insignificant	

A=Goggles B=Goggles & Gloves C=Goggles, Gloves & Apron

## Section 2: Hazardous Ingredient Information

### Hazard Chemical Identity

	%	TLV Units
Quaternary Cas #68391-01-5	<5%	N/E
Quaternary Cas #68956-79-6	<5%	N/E

Carcinogens: None Suspected

## Section 3: Physical Data

**Color:** Red/Orange  
**Odor:** Odorless  
**Physical State:** Liquid  
**Solubility in Water:** Soluble  
**Boiling Point:** >200 F°  
**Freezing/Melting Point (Deg/F):** N/E  
**Vapor Pressure (mm HG):** N/E  
**Vapor Density (Air=1):** N/E  
**Evaporation Rate (N-Butylacetate=1):** N/E  
**% Volatile by Volume:** N/A  
**Heat of Solution:** N/A  
**pH of Solution:** N/E  
**Specific Gravity (Water=1):** 1.0

## Section 4: Fire and Explosion Hazard Data

**Flash Point (Method Used):** Non-Flammable  
**Flammable Limits:** LEL: N/A UEL: N/A  
**Extinguishing Media:** Use Appropriate extinguishing media for the surrounding fire. 3-3 3-4  
**Special Fire Fighting Procedures:** Self-contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals. 4-4 4-5  
**Unusual Fire and Explosion Hazards:** N/E

## Section 5: Reactivity Data

**Chemical Stability:** Stable  
**Incompatibility (Materials to avoid):** N/E  
**Hazardous Decomposition Products:** N/E  
**Hazardous Polymerization:** No  
**Conditions to Avoid:** N/E

## Section 6: Health Hazard Data

**Threshold Limit Value:** N/E  
**Overexposure Effects/Comments:**  
**Exposure Limits/Data:** Osha: N/E ACGIH: N/E  
**Other effects/Data:**

**Eyes:** Irritation, Redness  
**Skin:** irritation  
**Ingestion:** Nausea, Vomiting  
**Inhalation:** N/E

### Emergency & First Aid Procedures:

**Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids apart. Washing eyes within one minute is essential. Seek immediate medical attention.

**Skin:** Wash with plenty of water for 15 minutes. Remove contaminated clothing. Seek medical attention if irritation persists.

**Ingestion:** Give large quantities of water. DO NOT induce vomiting. IF vomiting occurs spontaneously, keep head lower than lungs to prevent aspiration of chemical into lungs. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

**Inhalation:** Remove victim to fresh air.

## Section 7: Special Protection Information

**Respiratory Protection (Specify Type):** None normally needed.

**Ventilation:** Local

**Special:** To prevent skin contact.

**Protective Gloves:** Impervious

**Eye Protection:** Safety glasses, goggles or face masks

**Other Protective Equipment:** Eye wash and shower for emergency use should be located in working area.

### STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR

**RELEASED:** Wear necessary personal protective equipment. Dike area to prevent spreading of spilled material. Cover with an inert absorbent, shovel into appropriate containers and dispose of in accordance with federal, state and local regulations. 50056-1 50056=2

## Section 8: Special Precautions

**Precautions to be taken in handling and storage:** Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep containers closed when not in use. Wash hands after handling. 50056

**Other Precautions:** N/E

## Section 9: Empty Container Information

Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

## Section 10: Preparation Information

**Prepared By:** Regulatory Affairs Department

**Phone:** 812-336-4817

**Date of Preparation:** March, 2004

# Staphless 2

## Technical Data Sheet



**Quaternary  
Based  
Institutional  
Sanitizer**



**Concentrated**

**Long  
Lasting  
Effectiveness**

**No-Rinse  
Formulation**

### Product Description

**Staphless 2** is an institutional sanitizer and deodorizer. It is an excellent product for those light duty chores where regular strength is enough. The detergent builders are mild and it can be safely used on all washable surfaces. **Staphless 2** is approved as a final sanitizing rinse for food equipment and surfaces. **Staphless 2** has been proven effective against HIV and Herpes simplex 1 viruses in a 200 ppm solution.

### Use Directions

Sanitation: Use 1/2 ounce of product per gallon of warm or hot water or use 1/8 ounce per quart spray bottle. Apply solution to walls, floors and other hard surfaces with damp cloth, sponge or mop. Disinfection: Use 2 ounces of product per gallon of water. Use for sanitizing hospital equipment, patient areas and restrooms. SANITIZING RINSE FOR FOOD EQUIPMENT: Use 2 to 3 ounces per 5 gallons of water. Allow equipment and surfaces to air dry. No potable water rinse is required at this dilution. Staphless 2 can be automatically dispensed and mixed with water through wall unit proportioner.

### Areas of Use

Designed to be used anywhere an effective quaternary sanitizer is needed.

### Safety Precautions

Caution! Harmful if swallowed. Irritating to eyes. Read product label and MSDS for complete lists of hazards. Keep out of reach of children.

### Shipping Classification

Cleaning Compound

### Packaging

4-1 gallon case & 3-84 ounce concentrated bottles/case

### Properties

**FORM:** Red Liquid  
**PRIMARY HAZARD:** Corrosive to eyes  
**COMPOSITION:** Detergent, water conditioner, alkaline builder, quat sanitizer.