



1206 FULTON AVE.  
SAN ANTONIO, TX 78201  
www.acmesoap.com

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME: SPARKLE LOW TEMP SANITIZER**

**PRODUCT CODE: 0512**

**MANUFACTURED BY:**

Acme Soap, Inc.  
1206 Fulton Ave.  
San Antonio, TX 78201  
(210)731-9800

Date Prepared 11/03/03  
Date Revised: 07/09/2009

HMIS Rating: Health: 2 Flammability: 0 Reactivity: 2 Personal Protection: B

### I. CHEMICAL IDENTIFICATION:

**NAME: SPARKLE LOW TEMP SANITIZER**

**DESCRIPTION: HYPOCHLORITE**

**OTHER DESIGNATIONS:**

**MANUFACTURER:**

**EMERGENCY PHONE NUMBER:**

SODIUM HYPOCHLORITE  
AQUEOUS SOLUTION (5%)

Acme Soap, Inc.  
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(800)424-9300  
CHEMTREC

### II. HAZARDOUS INGREDIENTS

Ingredient	% Concentration	Worker Exposure Limits
Sodium hypochlorite, Aqueous Solution	7681-52-9	5 (Rat Oral) LD50 12g/kg
Sodium Chloride	7647-14-5	5 – 10
Sodium Hydroxide	1310-73-2	< 2

### III. HEALTH HAZARD DATA

**Eye Contact:** May cause severe pain, blurred vision, tearing and swelling . Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.

**Skin Contact:** May cause skin irritation which may develop into blistering and eczema. Remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of clear water. Use soap if available or follow by washing with soap and water. Do not reuse clothing until washed.

**Ingestion:** May cause pain and inflammation of the mouth, throat, esophagus and stomach. **DO NOT INDUCE VOMITING.** Rinse mouth with water. If conscious, give large quantities of water or milk and get immediate medical attention. **NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

**Inhalation:** Vapors may cause slight to severe irritation of the respiratory tract. Remove victim to fresh air and provide oxygen if breathing is difficult.

**IV. SPECIAL PROTECTION INFORMATION**

Eye/Face Protection: Where chemical goggles

Skin Protection: Wear chemical resistant gloves to avoid skin contact.

Ventilation: Local exhaust: Recommended  
Mechanical: None  
Special: None

Work Practices: Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Store containers in a cool (below 85°F), dry, well ventilated area away from direct sunlight and incompatible materials. Protect containers from physical damage.

PVC coated gloves, goggles and general ventilation should be adequate. Eye bath should be in near vicinity.

**V. SPECIAL PRECAUTIONS****KEEP OUT OF REACH OF CHILDREN.**

Keep away from all acids and acid containing compounds such as acid bowl cleaners and delimers. Store away from extremes in temperatures. This product degrades with age, with heat and light accelerating this degradation.

**VI. SPILL OR LEAK PROCEDURES**

Contain and recover. Prevent concentrated liquid from entering sewers or waterways. Cleanup personnel should use protective clothing and equipment to prevent contact. Do not use combustible absorbents. When necessary, hypochlorite can be neutralized with weak reducing agents such as sodium metabisulfite. Follow federal, state and local regulations dealing with chemical spills.

**VII. REACTIVITY DATA**

Chemical Stability: Stable under normal operating conditions.

Incompatible materials: Any acidic material, ammonia, urea and oxidizable metals such as nickel, copper, tin, aluminum and iron.

Decomposition Products: Chlorine gas rate of decomposition increases with the concentration of temperatures above 85° F.

**VIII. FIRE AND EXPLOSION DATA**

This is a non-flammable product. Same flammability parameters as water. Use whatever extinguishing media that is compatible with surrounding materials. Use water spray from a safe distance to cool fire exposed containers, to dilute liquid and to control vapors. Fire fighters should wear full protective clothing and self-contained breathing apparatus. Protection is needed against corrosive fumes if large amount of concentrated liquid is released.

IX. PHYSICAL DATA
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Appearance:	Pale yellow or yellow/green liquid
Odor:	Hypochlorite (bleach)
pH:	13.3
Boiling Point:	212°F.
Specific Gravity:	1.08

Note: This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of chlorine. This substance and its components are listed on the Toxic Substance Control Act Inventory.

**NOTE:**

The information provided on this Material Safety Data Sheet has been compiled from information obtained from the manufacturers of the raw material components of the product, as well as from laboratory tests on the finished product. There are no expressed or implied warranties to be derived from the information provided. The user assumes all risks in handling and must determine if this product is fit for its intended use.

The health hazards on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the diluted product under conditions of ordinary use.