



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®
5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

FOR CHEMICAL EMERGENCY
Call ChemTrec day/night:
1-800-424-9300

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: Antimicrobial Hand Cleaner & Sanitizer

DATE PREPARED: March 20, 2015

PART NUMBER: 74629

COMPANY IDENTIFICATION:

PROPER SHIPPING NAME: Compound, Cleaning, N.O.I., Liquid

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HMIS RATING

DEGREE OF HAZARD

Health..... 0
Flammability..... 0
Reactivity..... 0
Max. Personal Protection..... A

0 = Insignificant
1 = Slight
2 = Moderate
3 = High
4 = Extreme

2. IDENTITY INGREDIENTS AND INFORMATION

Active Ingredient:	CAS No.:	% Weight:	Carcinogen:	Exposure Limits:
Benzalkonium Chloride	8001-54-5	0.12	No	Not Established

3. PHYSICAL & CHEMICAL DATA

Boiling Point: 212° F
Solubility in Water: Complete
Physical Description: Thick clear liquid, low odor
Vapor Density (Air=1): Not Determined
Vapor Pressure: Not Determined

Specific Gravity: 1.00 ± 0.01
Evaporation Rate(H2O=1): 1.1 ± 0.2
pH (Concentrate): 5.5-7.0
VOC (Concentrate): 0.0%

4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: None **Flammable Limits:** Not Applicable
Extinguishing Media: Material will not burn. Use material appropriate for extinguishing surrounding materials.
Special Fire Fighting Procedures: None - As with all fires, all closed containers should be cooled with water. Fire fighters should always wear proper protective equipment including NIOSH approved self-contained breathing apparatus.
Unusual Fire and Explosion Hazards: None

5. REACTIVITY DATA

Stability: Unstable _____ Stable X
Incompatibility (Materials to Avoid): None known
Conditions to Avoid: Avoid extremes in temperature
Hazardous Decomposition or Byproducts: Oxides of carbon and nitrogen on combustion
Hazardous Polymerization: Will not occur

6. STORAGE AND HANDLING INFORMATION

HANDLING: Empty containers retain product residue which should be treated in accordance with all precautions on this data sheet. Avoid contact with eyes. For industrial and institutional use.

STORAGE: Keep container securely closed. Store between 40° F - 120° F in a properly ventilated area. Keep from freezing.

7. HEALTH HAZARDS AND FIRST AID PROCEDURES

Primary Routes of Entry: Eye contact, Skin contact, Inhalation, Ingestion

Effects of Overexposure:

SKIN: Short periods of contact through regular use are not usually associated with skin irritation.

EYES: Direct contact can cause pain and irritation.

INHALATION: Direct contact or exposure to high concentration of mists or vapors may cause irritation.

INGESTION: Direct contact or exposure may cause irritation. Ingestion of large amounts may cause gastrointestinal discomfort including irritation, nausea and diarrhea.

CHRONIC EFFECTS: No adverse effects are expected.

First Aid Procedures:

SKIN: Flush exposed area with running water for at least 15 minutes. If irritation persists, get medical attention.

EYES: Immediately flush with large quantities of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Remove contact lenses. Seek medical attention if irritation persists.

INHALATION: Remove to fresh air. Seek medical attention if conditions warrant.

INGESTION: Give 3-4 glasses of water but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious person.

8. PERSONAL PROTECTION INFORMATION

Respiratory Protection: No special measures required.

Protective Gloves: No special measures required.

Eye Protection: No special measures required.

Other Protective Equipment: Not applicable.

9. SPILL OR LEAK PROCEDURE

Steps To Be Taken In Case Material Is Released or Spilled: Use personal protective devices as stated in Section 8. Absorb with inert material and put in an appropriate waste disposal container. Finish cleaning by spreading water on contaminated area and dispose of according to local regulatory laws.

Waste Disposal Method: Use methods in accordance with applicable federal, state, and local laws.

10. TOXICOLOGICAL INFORMATION

Toxicity to Animals: Not Applicable

11. ECOLOGICAL INFORMATION

Ecological Toxicity: Not Available

Biodegradability (BOD and COD): Not Available

12. REGULATORY INFORMATION

SARA 313 Toxic Chemical Notification and Release Reporting: Not Applicable

Clean Air Act (CAA) 112 Regulated Toxic Substances: Not Applicable

Clean Water Act (CWA) 311: Not Applicable

13. OTHER INFORMATION

This information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition. We make no warranties, express or implied, and assume no liability in connection with any use of this information. 23641