



Sterilization & Infection Control Products

Revised 12/01/2001

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MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTITY

Common name (used on label) = Chamber Brite
(Trade name & synonyms) = Chamber brite- autoclave cleaner- acidic descaler

Chemical family = Acidic salts

SECTION 2 – INGREDIENTS

Components-hazardous	CAS No.	Threshold limit value (Or other hazard data)
Sodium Gluconate	527-07-1	LD50>1000mg/kg
Citric acid	0077-92-9	LD50>1000mg/kg
Poly ethylene oxid alcohol	28027-38-3	LD50>2000mg/kg

SECTION 3 – PHYSICAL DATA

Boiling point/range: N/A	Melting point: N/A	Specific gravity: (H2O = 1)
Vapor pressure (MM HG): N/A	Vapor density (Air =1): N/A	Solubility in H2O: complete

Appearance and odor: Salts Mixture

pH: (0.5%): 2.2

SECTION 4 – FIRE AND EXPLOSION HAZARD

Flash point:	Flammable limits:	Auto ignition temp.
Lower: N/A	Upper: N/A	N/A

Extinguishing media: Water- Spray	Water- Fog	Water Stream
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Special fighting procedures: Wear self-contained breathing apparatus.
Cool fire exposed containers with water.

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SECTION 5 – HEALTH HAZARDS

Permissible exposure limits:

No exposure limit has been established for this mixture.

Emergency first aid procedures:

Ingestion (if swallowed):

Do not induce vomiting – give plenty of water or milk – get medical attention.

Dermal:

Wash with soap and water – get medical attention.

Eye contact:

Flush with plenty of water for at least 15 minutes – get medical attention.

If in eyes, immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelid open while flushing.

Inhalation:

Remove to fresh air.

SECTION 6 – REACTIVITY DATA

Stability: stable

Conditions contributing to instability: N/A

Hazard rating (NFPA 704M): Extreme high 4 High 3 Moderate 2 Slight 1 Least 0

Corrosivity (pH), 2 Flammability (pH), 0 Reactivity (pH), 0

Incompatibility – **AVOID** contact with: Strong alkalis, strong oxidizers.

Hazardous decomposition thermal and other:

Thermal: oxidis of carbon.

Conditions to avoid: see above.



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SECTION 7 – TOXICITY DATA

Route: N/E Oral: N/E Dermal: N/E Inhalation: N/E

Toxic effects/routes of entry

Eye effects: corrosive

Overexposure will cause extreme burns that may result in permanent damage to the eyes.
Exposure to low-level concentrations may cause moderate irritation or conjunctivitis.

Skin effects: irritant

Contact with skin may cause moderate to severe irritation. This product tends to remove skin oils, possibly leading to irritation and dermatitis.

Other toxic effects:

This product does not contain any components listed by IARC, NTP, or OSHA as carcinogens.

Target organ toxic:

This product may cause irritation to eyes and skin.

Toxicity comments: N/E

SECTION 8 – SPILL OR LEAK PROCEDURES

Flush with water Absorb with sand or inert material Neutralize Prevent spread or spill

Spill or release procedure:

- 1) Confine spill.
- 2) Stop leak at source if this can be done safely.
- 3) Be sure area is well ventilated.
- 4) Transfer material into drums for disposal.
- 5) Wash area with water.
- 6) Residual amounts should be flushed to chemical waste treatment.

Absorb with non-combustible material and place residue in DOT approved waste containers. **KEEP OUT** of sewers, storm drains and surface waters.

Consult federal, state or local authorities for proper disposal procedures.

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SECTION 9- SPECAIL PROTECTION INFORMATION

Ventilation requirements: local exhaust

Eye: safety goggles

Eye protection: where there is potential for eye contact, wear chemical goggles and have eye flushing equipment immediately available.

Hand (glove type): Any non-permeable to product.

Liquid-proof rubber or neoprene gloves are recommended.

Respirator type: Cartridge

Filters Mist

Respiratory protection: Avoid breathing mist/dust. Use NIOSH/MSHA approved respiratory protection appropriate to the components, when air exposure limits are exceeded, consult respirator manufacturer to determine appropriate type of equipment. Observe use limitations specified by NIOSH/MSHA or the manufacturer. For emergency and other conditions where exposure limits may be significantly exceeded, use an approved full face, positive pressure, self-contained breathing apparatus or positive pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29CFR.1910.134.

Other protective equipment: Apron

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