Dionysus Healthcare

Committed To Your Health & Environment

5th Generation Quaternary Ammonium Compound
Composition :

- Didecyl dimethyl ammonium chloride - 8.70% w/v
- n-Alkyl dimethyl benzyl ammonium chloride- 8.19% w/v
- Inert Ingredients
- Pack Size: 1 litre, 5litre

Wide spectrum Microbicidal – 10 min

✓ Bactericide
✓ Virucide,
✓ Fungicide,
✓ Tuberculocidal,
✓ Sporicide
✓ Mildewstat,
✓ Cleaner,
✓ Deodorizer

Shelf life -36 month
Diluted – 60 days

Salient Features & Benefits

- ✓ Safe to disinfect all premises furniture materials, metallic, wooden, laminates, modern floors, glass, plastics, polymers
- ✓ Non corrosive
- ✓ 4 ml dilution for 1 liter disinfecting solution
- ✓ 4 ml dilution for Fogging & Mopping
- ✓ 3.5 Rs. Cost per diluted solution- Economical
- ✓ Effective in soil and hard water
- ✓ No health hazardous
- ✓ Non irritant
- ✓ Biodegradable
- ✓ Non damaging to fabric

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LS-256 Vs Sodium Hypochlorite Recommended dilution

LS-256

ü Dilution 4ml to make 1 liter disinfecting solution for bactericidal, virucidal, tuburculocidal, sporicidal

✓ Recommended for all surfaces disinfection that found in modern set up, metals, coated metals, wood, plastic polymers, laminates, glass finish and marble floors.

✓ Air disinfection and surface disinfection

Sodium Hypochlorite

- Dilution 100ml to make 1 liter disinfecting solution (1:10 / 10%) to deactivate organism on un-cleaned surfaces and major pathogens such as clostridium spores
- Recommended only for surface disinfection that to floors. Not for furniture's like table, chair doors etc. as it will cause rusting and discoloration
- No air disinfection

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LS-256 Vs Sodium Hypochlorite
Material Safety

LS-256

- Non–corrosive
- Safe and Compatible with all metals(steel, aluminum)
- Safe on plastics, polymers, glass, various types of floorings like Glazed tiles, Porcelain Tile, Quarry Tile, Stone, Polished Concrete, Hardwood, Engineered Wood, Linoleum, Laminate, Vinyl tiles & carpets, etc.
- Fabric disinfection

Sodium Hypochlorite

- Highly corrosive
- Rusting on metals like stainless steel, aluminum seen.
- Damages all types of floor finishes like Glazed tiles, Porcelain Tile, Quarry Tile, Stone, Polished Concrete, Hardwood, Engineered Wood, Linoleum, Laminate, Vinyl tiles,
- Damaging to fabric on contact

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LS-256 Vs Sodium Hypochlorite

Health Hazards

LS-256

- ✓ Safe
- ✓ Non-irritant
- ✓ Non-Carcinogenic
- ✓ Non-hazardous

Sodium Hypochlorite

- Corrosive in nature.
- eyes and skin and a respiratory irritant due to release of chlorine gas.
- Skin burns on contact.
- Suspected cardiovascular, gastrointestinal or liver, kidney, central nervous system, respiratory, and skin or sense organ toxicant.
- Mixing with ammonia, ammonium quaternary compounds and other acidic products can create poisonous gas.

LS-256
Economical Vs Hypochlorite

LS-256

- ü 1 Liter concentration cost Rs. 1300/-
- ü 4 ml. used to make 1 Liter diluted RTU.
- ü 7.5ml. Cost Rs. 3.5/-
- ü 1 Litre RTU will cost Just Rs. 3.5/-
- ü 1 Liter conc will make 140 liters of diluted RTU solution

Sodium Hypochlorite

- 5 Liter cost @Rs. 500/-
- 1 Liter cost @ Rs. 100/-
- 100ml. Used to made 1 Liter diluted RTU.(10% dilution)
- 100ml. Cost @Rs.10/-
- Hence 1 Liter RTU. Cost Rs.10/-
- 1 liter will make 10 liters of diluted RTU

RTU.-Ready To Use Solution

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LS-256 Vs Sodium Hypochlorite
Shelf-life & Storage

LS-256

- ✓ Diluted 60 days.
  - ✓ No wastage
  - ✓ Diluted solution prepared and can be store by housekeeping for daily usage. Un used diluted solution can be used next day.
- ✓ Concentrated – 3 years

Sodium Hypochlorite

- **<u>Highly unstable in Indian climatic condition during transportation & storage as avg. is above 25°C.</u>**
- Diluted- Discard after use, every time prepare fresh dilution.
- Concentrated -3-6 months.
- Sodium hypochlorite does degrade over time.
- Best stored for the longest storage life at temperatures around or below 23°C, when filtered and free of impurities.

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