

SECTION 1 IDENTIFICATION OF THE MATERIAL**Product Name:** CHLORHEXIDINE 5% Solution**Recommended use:** Used in dental procedures.**Manufacturer / Supplier****Henry Schein Halas Pty. Ltd.**

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Hazard	Not classified as hazardous
Classification	NON-HAZARDOUS SUBSTANCE NON-DANGEROUS GOODS
Risk Phase(s)	R36/38 : irritating to eyes and skin R41 : risk of serious damage to eyes S20/21 : when using do not eat, drink or smoke S24/25 : avoid contact with skin and eyes
Environmental Hazards	Hazard to aquatic life

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

<u>Composition</u>	<u>CAS No.</u>	<u>Proportion</u>
Chlorhexidine Digluconate	18472-51-0	5%
Water	7732-18-5	to 100 %

SECTION 4 FIRST AID MEASURES

Ingestion : Treat as accidental poisoning with gastric lavage using milk, egg white or gelatin. Have medical personnel determine if vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

Eye : Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally lifting upper and lower lids.

[according to GHS and NOHSC:2011(2003)]

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SECTION 4 FIRST AID MEASURES *continued*

Skin : Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

Inhaled : Not applicable.

First Aid Facilities : Ensure eye wash and shower facilities are available in the working area.

Advise to Doctor : Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, dry chemical, CO₂ and water fog.

Unusual fire and explosion hazards: Heat may cause evolution of vapours. When heated to decomposition, material emits toxic fumes of CO_x, NO_x, hydrogen chloride, ammonia and small amounts of p-chloroaniline

Special protective equipment: Wear approved respirator and protective gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Chemically compatible protective gloves, safety glasses and protective clothing should be worn when handling the solution.
Wash contaminated clothing before reuse.

Environmental precautions: Prevent from entering into drains, sewage waste systems, native or natural environments, ie river systems. Dispose of waste in accordance with all applicable national regulations.

Methods for cleaning up: Clean up spills immediately. Absorb spilled material with cleaning compounds or sawdust. Place spillage in appropriate container for waste disposal. Dispose of this solid waste to conform with regulations.

SECTION 7 HANDLING AND STORAGE

Handling: Ensure cap for container is replaced and tightly closed immediately after use.

Storage: Stored in a dark, cool place at temperatures between 8°C and 25°C. Store away from direct sunlight and UV light sources.

Other Information: Prevent from freezing

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Under normal conditions does not emit significant vapours.

Hand protection: Use occupational protective gloves when handling solution. Vinyl, latex or nitrile rubber gloves are recommended.

Eye protection: Safety glasses which comply with Australian Standard AS1337 and used in accordance with AS1336, are recommended.

Body protection: Clean clothing or protective clothing should be worn.

General safety and hygiene measures: Always wash hands after handling solution and before handling food or using the toilet.

Engineering Controls : Ensure workplace is well ventilated.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colourless to amber aqueous liquid.

Odour.....: Odourless

Boiling Point (°C): Not available

Vapour Pressure: Not available

Specific Gravity: > 1g/mL

Flammability Limits (%) ...: Not flammable

pH of Solution: 5.5 to 7.0

Solubility in Water (g/L) ...: Complete

Other Properties: Will precipitate in the presence of most alkalis.

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Exposure to light, excessive heat and mixing with other chemicals.

Materials to avoid: Avoid contact with alkalis and oxidizing agents.

Hazardous decomposition products: When heated to decomposition, material emits toxic fumes of CO_x, NO_x, hydrogen chloride, ammonia and small amounts of p-chloroaniline

Hazardous reactivity (polymerization): No data available.

[according to GHS and NOHSC:2011(2003)]

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SECTION 11 TOXICOLOGICAL INFORMATIONLD₅₀ oral, rat = 2.000 mg/Kg

Ingestion : Orally chlorhexidine digluconate is poorly absorbed from the gastrointestinal tract, may cause discomfort or irritation.

Eye : Possible irritant effect.

Skin : Significant potential for irritation.

Inhaled : No data.

Chronic : Chronic exposure may cause contact dermatitis. Topical applications of solutions in some patients have caused urticaria, dyspnea and anaphylactic shock.

SECTION 12 ECOLOGICAL INFORMATION

Ecological Information No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal Considerations: Dispose of according to relevant local, state and federal government regulations. Do not flush into sewer.

SECTION 14 TRANSPORT INFORMATION

U.N. Number : NA Dangerous Goods Class : NA

Hazchem Code : NA Subsidiary Risk : NA

CAS Number : 18472-51-0 Pack. Grp. : NA

SECTION 15 REGULATORY INFORMATION

Poisons Schedule : NA

SECTION 16 OTHER INFORMATION

Product is considered safe if used as intended.

Product is intended for Professional Dental Use only.