

# Clinell Chlorhexidine Wash Cloths - Material Safety Data Sheet

## 1. Identification of the Product and of the Company

Identification of the product

Product name: Clinell Chlorhexidine Wash Cloths

Product description: Non-woven wipe impregnated with an aqueous composition of skin cleansing agents and 2% chlorhexidine

Company Identification

GAMA Healthcare Limited, 39 Hampstead House, 176 Finchley Road, London, NW3 6BT, UK

Emergency Telephone Number

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## 2. Hazards Identification

Classification: Non-Hazardous Substance, Non-Dangerous Goods

## 3. Composition / Information on Ingredients

A cellulose based nonwoven wipe, white in colour and impregnated with an aqueous composition of skin cleansing agents.

Ingredients	Conc'n	CAS No
Chlorhexidine Digluconate	<3%	18472-51-0
Propylene Glycol	<1%	57-55-6
Glycerine	<0.5%	56-81-5
Myristyl dimethyl amine oxide	<0.3%	3332-27-2
Sodium cocoamphoacetate	<0.2%	68334-21-4
2-4 dichlorobenzyl alcohol	<0.05%	8028-77-1
2-bromo-2nitropropane, 1-3 diol, Bronopol	<0.05%	1777-82-8
Citrate	<0.05%	52-51-7
Aqua	TO 100	

#### 4. First Aid Measures

- Eye Contact: If sufficient material has entered the eyes to cause irritation. Flush thoroughly with water for at least 15 minutes. Seek medical attention.
- Skin Contact: No hazard. Discontinue use if skin irritation develops.
- Ingestion: If swallowed get medical help straight away.
- Inhalation: If symptoms develop remove person to fresh air, seek medical help if symptoms persist.

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

**Advise to Doctor :** Treat symptomatically.

#### 5. Fire Fighting Measures

Suitable extinguishing media: Foam, dry chemical, CO<sub>2</sub> and water fog.

Unusual fire and explosion hazards: Heat may cause evolution of vapours. When heated to decomposition, material emits toxic fumes of CO<sub>x</sub>, NO<sub>x</sub>, hydrogen chloride, ammonia and small amounts of p-chloroaniline

**Special protective equipment:** Wear approved respirator and protective gear.

#### 6. Accidental Release Measures

Not applicable as in wipe format

#### 7. Handling & Storage

Recommended Storage Conditions

Store clean and dry, out of direct sunlight. Avoid extremes of temperature.

Recommended Handling Precautions

Avoid wiping eyes directly with product.

#### 8. Exposure Controls/Personal Protection

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

Engineering Controls : Ensure workplace is well ventilated.

## 9. Physical & Chemical Properties

Appearance: A white wet wipe with impregnation of skin neutral pH.  
Solubility: Impregnate is water soluble  
Odour: Odourless  
Boiling Point (°C): Not available  
Vapour Pressure: Not available  
Specific Gravity: > 1g/mL  
Flammability Limits (%): Not flammable  
Flash Point: > 212 °F

Other Properties Will precipitate in the presence of most alkalis.

## 10. Stability & 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<sub>x</sub>, NO<sub>x</sub>, hydrogen chloride, ammonia and small amounts of p-chloroaniline

Hazardous reactivity (polymerization): No data available.

## 11. Toxicological Information

LD<sub>50</sub> oral, rat = 2.000 mg/Kg

Ingestion : Orally chlorhexidine digluconate is poorly absorbed from the gastrointestinal tract, may cause discomfort or irritation. Method of presentation of the active ingredients, i.e. non-woven bond does not pose an ingestion hazard. The bulk volume of material to be ingested to approach the Oral LD<sub>50</sub> of the impregnated components, does not allow toxic levels to be reached.

Eye : Possible irritant effect.

Skin : Potential for irritation.

Inhaled : No data.

*Chronic* : Chronic exposure may cause contact dermatitis.

## 12. Ecological Information

Chlorhexidine can cause accumulation effect to Fish and Phytoplankton at 50.0 ug/L for an LC<sub>50</sub> toxicity



No water quality standards or criteria have been established

### 13. Disposal Information

Dispose of in trash or clinical waste as indicated by usage and applicable guidelines.

Not flushable or Maceratable.

Strict adherence must be made to all European, national and local laws and regulations.

### 14. Transport Information

U.N. Number :	NA	Dangerous Goods Class :	NA
Hazchem Code :	NA	Subsidiary Risk :	NA
CAS Number :	As Above	Pack. Grp. :	NA

### 15. Regulatory Information

Used as directed, wipes are non-hazardous

Risk Phrases

R36/38	Irritating to eyes & respiratory system
R41 :	Risk of serious damage to eyes
R50	Very toxic to aquatic organisms

Safety Phrases

S20/21 :	When using do not eat, drink or smoke
S25 :	avoid contact with eyes
S26:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

### 16. Other Information

The information herein is based on data considered to be accurate as of the date of preparation of the Material safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. The user assumes all liability for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

Information compiled on 10<sup>th</sup> September 2008.