

**SAFETY DATA SHEET FOR OPERATORS**

(Information sheet)


**CLOSOL 2%**

*Chlorhexidine 2% cavity cleanser*

**Sez. 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY**

- 1.1. **Supplier identification:** **Product Code:** ITD020IC1  
Product name CLOSOL 2%
- 1.2. **Relevant identified uses of the substance or mixture and uses advised against** Cavity Cleanser Solution
- 1.3. **Details of the supplier of the safety data sheet:**  
**Name:** Italmed srl  
**Address:** viale Mazzini, 15 – 50132 Firenze  
**Phone:** 055 5003124  
**Safety data sheet** n. 1 September 2019
- 1.4. **Emergency telephone number :** Nearest center poisons  
In Italy: Centro Antiveleni Niguarda  
Milano - tel. 02-66101029

**Sez. 2. HAZARDS IDENTIFICATION**

- 2.1 **Classification of the mixture** :  
Digluconate Chlorhexidine **CAS n. 18472-51-0** % 2%
- 2.1.1 **Classification as per Regulation (CE) N. 1272/2008:**  
Pictograms:  GHS07  
Hazard class and category codes Eye Irrit. 2  
Hazards codes: H319 – Eye Irrit ;
- 2.1.2 **Classification as per Directive 1999/45/CEE :**  
Classification : Not dangerous  
Nature of the specific risks attributed : None in particular


The product if in contact with skin and eyes can be irritating

Do not disperse in the environment

## 2.2. Label elements

Labels conforming to Regulation (CE) n. 1272/2008:


Pictograms, hazards code:

 GHS07 - Warnings

Hazard codes:

H319 – Eye Irrit.

Precautionary statements:

 do not disperse in the environment  
In contact with acids it releases toxic gases

Reaction:

P305+P351+P338 - IN CASE OF CONTACT WITH EYES: Rinse thoroughly for several minutes. Remove any contact lenses if it is easy to do. Continue to rinse.  
P337+P313 - If eye irritation persists, consult a doctor.

For professional use only.

## 2.3. Other hazards

Very toxic to aquatic organisms

 H400

## Sez. 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance:

### 3.2 Mixture

Chlorhexidine Digluconate  
CAS n. 18472-51-0      % 2%

Refer to item 16 for the full text of the risk phrases and hazard statements

## Sez. 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### After Inhalation:

Allow the subject to breathe fresh air. If the breathing is difficult, make oxygen inhale.  
Consult a doctor

#### After Skin contact:

Immediately wash with water.

#### Contact with mucous membranes:

Rinse the part affected thoroughly with water for at least 15 minutes. Contact a doctor if irritation persists.

#### Eye contact:

Remove contact lenses if worn.  
Rinse opened eye for at least 15 minutes under running water. Contact an ophthalmologist if the irritation persists.

**After swallowing:** Consult a doctor.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available

**4.3. Indication of any immediate medical attention and special treatment needed**

If the irritation persists, contact a doctor

**Sez. 5. FIRE-FIGHTING MEASURES**

**5.1 Suitable extinguishing agents:** Foam, dry extinguishing powder, CO2

**5.2. Special hazards arising from the substance or mixture**

No data available

**5.3. Advice for firefighters**

Use respiratory protection.  
Safety helmet and complete protective clothing.  
It is also advisable to use self-contained breathing apparatus, above all, if operating in closed and poorly ventilated areas.

**Sez. 6. ACCIDENTAL REALEASE MEASURES**

**6.1 Personal precautions  
Protective equipment and emergency procedure:**

Wear appropriate protective clothing.

**6.2 Environmental precautions**

Absorb the material with sand or vermiculite and confine it in closed containers for subsequent disposal. Keep away from drains, surface water and groundwater. Contain contaminated washing water and dispose of it.

**6.3. Methods and material for containment and cleaning up:**

**6.3.1 For containment**

Collect the product for re-use, if possible, or for disposal. If necessary, absorb it with inert material.  
Prevent it from entering the drainage system.

**6.3.2 For cleaning up**

After collection, wash the affected area and materials with water.

**6.3.3 Other information:**

No further information available.

6.4. **Reference to other sections** Refer to steps 8 and 13 for more Information

**Sez. 7. HANDLING AND STORAGE**

**7.1 Preacutions for safe handlings**

**7.1.1 General advises**

Wear suitable protective clothing.  
Tender far from the reach of children. Do not smoke during handling and use

**7.2 Conditions for safe storage, including any incompatibilities:**

Store in its original packaging tightly closed, in a dry and cool place. Keep away from heat and away from light.

**7.3 Specific end uses:**

Store in a well ventilated place and away From heat sources.

**Sez. 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control Parameters**

No data available.

**8.2. Exposure controls**

No specific controls required

**Personal protective equipment:**

Use the product in well-ventilated areas.

Use protective gloves

Use appropriate protective glasses

Use suitable protective clothing

Avoid contact with the mucous membranes

**Sez. 9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties:**

Solution:

Aspect:

Liquid solution

Colour:

Light yellow color

Odor:	Characteristic
PH	> 5,5
Boiling point:	ND
Relative density	1,065 about (Water=1)
Solubility	ND
Vapor pressure	ND
Evaporation rate	ND
Flash point	ND

9.2. **Other information** No data available

## Sez. 10. **STABILITY AND REACTIVITY**

- 10.1 **Reactivity** No reactivity risk
- 10.2 **Stability:** Stable if stored as instructed
- 10.3 **Possibility of dangerous reactions:** In contact with acids it releases toxic gases. May cause violent reactions with ammonia, methanol and amines
- 10.4 **Conditions to avoid:** Do not keep the product near heat sources. Avoid exposure to light
- 10.5 **Incompatible materials:** Strong oxidizing agents
- 10.6 **Decomposition products dangerous:** by thermal decomposition or in case of fire, gases and vapors potentially harmful to health can be released

## Sez. 11. **TOXICOLOGICAL INFORMATION**

11.1 **Information on toxicological effects:** May cause eye damage

**Toxicity data:** No data available

**Local effects:** **After contact with the skin:** contact may result in an irritant effect.  
**After contact with the eyes:** causes irritation

The product is a medical device and as such has been considered not dangerous or harmful both under normal conditions of use and for an improper use.

## Sez. 12. **ECOLOGICAL INFORMATION**

12.1 **Toxicity:** Prevent soil contamination, subsoil and groundwater: do not eliminate the product using water courses,

sewage systems or land of any nature

- 12.2 **Persistence and degradability:** No available data
- 12.3. **Bioaccumulative potential** No available data
- 12.4. **Mobility in soil** No available data.
- 12.5. **Results of the assesment** No available data
- 12.6. **Other adverse effects** No adverse effects found

### **Sez. 13. DISPOSAL CONSIDERATION**

- 13.1 **Waste treatment methods** Do not disperse in the environment, in the drains, in waterways.  
Very toxic to aquatic organisms.  
The used packs must be eliminated according to local regulations in force.  
To request information for this specific case, please contact an authorized waste disposal company.

### **Sez. 14. TRANSPORT INFORMATION**

- 14.1. **UN-number** Not included in the scope of the regulations on the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG)
- 14.2. **UN shipping name** None
- 14.3. **Transport hazard classes** None
- 14.4. **Packing group** None
- 14.5. **Environmental hazards** None
- 14.6. **Special recommendation for users** No data available
- 14.7. **Transport in bulk according to the annex II of MARPOL 73/78 and the IBC code** It is not expected to transport bulk cargoes

For transport, applies the same to pharmaceutical products.

### **Sez. 15. REGULATORY INFORMATION**

15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP),

15.2. **Evaluation of chemical safety**

The supplier has carried out a chemical safety assessment

