

SAFETY DATA SHEET FOR OPERATORS

(Information sheet)

IPOCLOR 5

Hypochlorite Sodium 5%

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

- 1.1. **Supplier identification:** **Product Code:** ITD018IA1
Product name IPOCLOR 5
- 1.2. **Relevant identified uses of the substance or mixture and uses advised against** Cleaning Root Canal 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. 2 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** :
Hypochlorite Sodium **CAS n. 7681-52-9** % 5%

2.1.1 **Classification as per Regulation (CE) N. 1272/2008:**

Pictograms:



GHS07



H400

Hazard class and category codes

Eye Irrit. 2


Hazards codes:

H318 – Eye Irrit ; H314 Skin Irrit
EUH301 in contact with acids it
releases toxic gases ;

2.2. Label elements


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

Pictograms, hazards code:

 GHS07 - Warnings
H319 – Eye Irrit.

Hazard codes:

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.

P301+P330+P331 IF SWALLOWED: rinse mouth. DO NOT induce vomiting.

P303+P361+P353 IN CASE OF CONTACT WITH SKIN (or hair): immediately remove all contaminated clothing. Rinse the skin / take a shower.

For professional use only.

2.3. Other hazards

EUH301 in contact with acids it releases toxic gases ;

Sez. 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance:

3.2 Mixture

Sodium Hypochlorite
CAS n. 7681-52-9 % 5%
Sodium Hydroxide
CAS n. 1310-73-2

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

Corrosion, cough, risk of serious damage to eyes, dyspnea

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:

Coordinate safety measures to extinguish flames in the environment, water spray, foam, dry extinguishing powder, carbon dioxide (CO₂)

5.2. Special hazards arising from the substance or mixture

Not combustible

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.
Prevent the pouring of fire-fighting water into sewers and waterways

Sez. 6. ACCIDENTAL RELEASE 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 Precautions 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:	clear solution
Colour:	straw yellow color
Odor:	characteristic odor of chlorine
PH	> 10
Boiling point:	ND
Relative density	1,09 about (Water=1)
Solubility	miscible with water
Vapor pressure	17,5 mmHg at 20° C
Evaporation rate	ND
Flash point	None

9.2. **Other information** No data available

Sez. 10. STABILITY AND REACTIVITY

10.1 **Reactivity** corrosive substance or mixture for metals

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 acids, organic substances, fine
powders, powdered metals

10.6 **Decomposition products
dangerous:** gaseous chlorine

Sez. 11. TOXICOLOGICAL INFORMATION

11.1 **Information on toxicological effects:** No data available

Toxicity data: It is irritating to the skin, mucous
membranes, eyes and respiratory tract. It is
harmful if ingested

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

The toxicity of the product is partly attributable to that of its components
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:** Very toxic to aquatic organisms
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.
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** 1791
- 14.2. **UN shipping name** Hypochlorite solution
- 14.3. **Transport hazard classes** 8
- 14.4. **Packing group** III
- 14.5. **Environmental hazards** Very toxic to aquatic organisms
- 14.6. **Special recommendation for users** Irritant.
- 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

Sez. 16. OTHER INFORMATION

16.1. Other information

Description of the risk phrases set out in point 2

H314 – Skin and Eye irritant ;

Description of the hazard statements set out in point 2

H318 – Eye Irrit ;

H314 – Skin Irrit

H319 = Causes serious eye damage

EUH301 in contact with acids it releases toxic gases ;

Method of use: See the leaflet

16.2 Last revision: 20.09.2019

Reason for revision:

adaptation to regulation 830/2015/EU

Notice to users:

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

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